KY_XML_Documentation

2026.1-2026.1.0

Generated by Doxygen 1.9.8

1 KYVPLib_xml xml

1.1 CoaXPress

CoaXPress: Category that contains the features pertaining to the CoaXPress transport layer of the device.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
CXP Heartbeats Throttling	CXP Heartbeats Throttling	Cxp↩ Heartbeats↩ Throttling	IInteger			
CoaXPress Connection Selector	Selects the CoaXPress physical connection to control.	Cxp↩ Connection↩ Selector	IInteger			
Connection Test Mode	Test communication errors of the system cabling between devices.	Cxp↩ Connection↩ TestMode	IEnumeration		Off; Mode1	
Connection Test Error Count	Camera CRC Error Counter. Number of CRC errors generated from corrupted data packets.	Cxp↩ Connection↩ TestError↩ Count	IInteger			
Connection Test Rx Packets	Reports the current count for test packets recieved by the device on the connection selected by Cxp↩ Connection↩ Selector.	Cxp↩ Connection↩ TestRx↩ PacketCount	IInteger			
Connection Test Tx Packets	Reports the current count for test packets sent to the device on the connection selected by Cxp↩ Connection↩ Selector.	Cxp↩ Connection↩ TestTx↩ PacketCount	IInteger			
Connection Test Counters Reset	Reset all connection test counters.	Cxp↩ Connection↩ Test↩ CountersReset	ICommand			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Trigger Missed Count	Missed triggers count, this counter increases if\when a trigger arrives from the user but the system is already busy processing a different trigger.	Trigger↩ MissedCount	IInteger			
Trigger Sent Count	Sent triggers count, this counter increases if\when a trigger packet is sent from the host IP to remote device.	TriggerSent↩ Count	IInteger			
Trigger Acknowledge Count	Acknowledgement triggers count, this counter increases if\when an acknowledge arrives from the remote device to the host, for a trigger sent from the host to the remote device.	Trigger↩ Acknowledge↩ Count	IInteger			
Trigger Change Count	In change triggers count, this counter increases if\when the user give a trigger to the host.	Trigger↩ ChangeCount	IInteger			
Trigger Counters Reset	Reset all trigger counters.	Trigger↩ CountersReset	ICommand			

1.1.1 CoaXPress Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Off		Off	IEnumEntry			
Mode 1		Mode1	IEnumEntry			

1.2 Debug

Debug: Debug

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Macom Control	Parameters for Macom control	MacomControl	ICategory			

1.3 Device Control

Device Control: Category for device information and control.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Camera Discovery Verify Speed	Camera↩ Discovery↩ VerifySpeed.	Camera↩ Discovery↩ VerifySpeed	IBoolean			
Camera Command Timeout	Indicates the command timeout of all links in microseconds(us). This corresponds to the maximum response time of the device for a command sent.	DeviceLink↩ Command↩ Timeout	IFloat			
Device User ID	User-programmable device identifier.	DeviceUserID	IString			
Save 'Device User ID'	Writes 'Device User ID' to hardware	DeviceUser↩ IDWrite	ICommand			
Device reset	Reset the device.	DeviceReset	ICommand			
Device stream control reset	Reset the device's stream control.	Device↩ Stream↩ ControlReset	ICommand			
Timestamp Counter	Reports the current value of the device timestamp counter in nanoseconds	Timestamp	IInteger			
Timestamp Reset	Resets the current value of the device timestamp counter.	Timestamp↩ Reset	ICommand			
Timestamp Latch	Latches the current timestamp counter into Timestamp Latch Value.	Timestamp↩ Latch	ICommand			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Timestamp Latch Value	Reports the latched value of the timestamp counter in nanoseconds	Timestamp↩ LatchValue	IInteger			
PoCXP Control	Category for PoCXP control.	PoCXPControl	ICategory			
Fan Control	Category for fan control.	FanControl	ICategory			
Debug	Debug	Debug	ICategory			

1.4 Digital I/O Control

Digital I/O Control: Digital I/O covers the features required to control the general Input and Output signals of the camera.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
LineSelector↩ ListAddr		LineSelector↩ ListAddr	IInteger			
LineSelector↩ ListValue		LineSelector↩ ListValue	IInteger			
Line Selector	Selects the physical pin of the external camera connectors.	LineSelector	IEnumeration			
Line Mode	Controls if the physical Line is used to Input or Output a signal.	LineMode	IEnumeration		Input; Output	
Line Inverter	Controls the inversion of the signal of the selected input or output Line.	LineInverter	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Line Source	Selects which internal acquisition or I/O source signal to output on the selected Line.	LineSource	IEnumeration		KY_↩ DISABLED; KY_OPTO_↩ IN_0; KY_↩ OPTO_IN_1; KY_OPTO_↩ IN_2; KY_↩ OPTO_IN_3; KY_OPTO_↩ IN_4; KY_↩ OPTO_IN_5; KY_OPTO_↩ IN_6; KY_↩ OPTO_IN_7; KY_LVDS_↩ IN_0; KY_↩ LVDS_IN_1; KY_LVDS_↩ IN_2; KY_↩ LVDS_IN_3; KY_TTL_0; KY_TTL_1; KY_TTL_2; KY_TTL_3; KY_TTL_4; KY_TTL_5; KY_TTL_6; KY_TTL_7; KY_LVTTL_0; KY_LVTTL_1; KY_LVTTL_2; KY_LVTTL_3; KY_LVTTL_4; KY_LVTTL_5; KY_LVTTL_6; KY_LVTTL_7; KY_TIMER↩ _ACTIVE_0; KY_TIMER↩ _ACTIVE_1; KY_TIMER↩ _ACTIVE_2; KY_TIMER↩ _ACTIVE_3; KY_TIMER↩ _ACTIVE_4; KY_TIMER↩ _ACTIVE_5; KY_TIMER↩ _ACTIVE_6; KY_TIMER↩ _ACTIVE_7; KY_USER↩ _OUT_0; KY_USER↩ _OUT_1; KY_USER↩ _OUT_2;	
					KY_USER↩ _OUT_3; KY_USER↩ _OUT_4;	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Line Status	Returns the current status of the selected input or output Line.	LineStatus	IBoolean			
Line Format	Controls the current electrical format of the selected physical input or output Line.	LineFormat	IEnumeration		NoConnect; TriState; TTL; LVDS; RS422; OptoCoupled; LVTTL; Non↩ Available	
Line Status All	Returns the current status of all available Line signals at time of polling in a single bitfield.	LineStatusAll	IInteger			
Line Event Mode	Selects the line event generation mode.	LineEvent↩ Mode	IEnumeration		Disabled; RisingEdge; FallingEdge; AnyEdge	
User Output Selector	Selects which bit of the User Output register will be set by UserOutput↩ Value.	UserOutput↩ Selector	IEnumeration		UserOutput0; UserOutput1; UserOutput2; UserOutput3; UserOutput4; UserOutput5; UserOutput6; UserOutput7	
User Output Value	Sets the value of each of the User Output register.	UserOutput↩ Value	IBoolean			
User Output Value All	Sets the value of all the bits of the User Output register. It is subject to the UserOutput↩ ValueAllMask.	UserOutput↩ ValueAll	IInteger			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
User Output Value All Mask	Sets the write mask to apply to the value specified by UserOutput↩ ValueAll before writing it in the User Output register. If the UserOutput↩ ValueAllMask feature is present, setting the user Output register using UserOutput↩ ValueAll will only change the bits that have a corresponding bit in the mask set to one.	UserOutput↩ ValueAllMask	IInteger			

1.4.1 Digital I/O Control Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
OptoCoupled Input 0		KY_OPTO_IN↩ _0	IEnumEntry			
OptoCoupled Input 1		KY_OPTO_IN↩ _1	IEnumEntry			
OptoCoupled Input 2		KY_OPTO_IN↩ _2	IEnumEntry			
OptoCoupled Input 3		KY_OPTO_IN↩ _3	IEnumEntry			
OptoCoupled Input 4		KY_OPTO_IN↩ _4	IEnumEntry			
OptoCoupled Input 5		KY_OPTO_IN↩ _5	IEnumEntry			
OptoCoupled Input 6		KY_OPTO_IN↩ _6	IEnumEntry			
OptoCoupled Input 7		KY_OPTO_IN↩ _7	IEnumEntry			
LVDS Input 0		KY_LVDS_IN↩ _0	IEnumEntry			
LVDS Input 1		KY_LVDS_IN↩ _1	IEnumEntry			
LVDS Input 2		KY_LVDS_IN↩ _2	IEnumEntry			
LVDS Input 3		KY_LVDS_IN↩ _3	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
TTL 0		KY_TTL_0	IEnumEntry			
TTL 1		KY_TTL_1	IEnumEntry			
TTL 2		KY_TTL_2	IEnumEntry			
TTL 3		KY_TTL_3	IEnumEntry			
TTL 4		KY_TTL_4	IEnumEntry			
TTL 5		KY_TTL_5	IEnumEntry			
TTL 6		KY_TTL_6	IEnumEntry			
TTL 7		KY_TTL_7	IEnumEntry			
LVTTL 0		KY_LVTTL_0	IEnumEntry			
LVTTL 1		KY_LVTTL_1	IEnumEntry			
LVTTL 2		KY_LVTTL_2	IEnumEntry			
LVTTL 3		KY_LVTTL_3	IEnumEntry			
LVTTL 4		KY_LVTTL_4	IEnumEntry			
LVTTL 5		KY_LVTTL_5	IEnumEntry			
LVTTL 6		KY_LVTTL_6	IEnumEntry			
LVTTL 7		KY_LVTTL_7	IEnumEntry			
OptoCoupled Output 0		KY_OPTO_↩ OUT_0	IEnumEntry			
OptoCoupled Output 1		KY_OPTO_↩ OUT_1	IEnumEntry			
OptoCoupled Output 2		KY_OPTO_↩ OUT_2	IEnumEntry			
OptoCoupled Output 3		KY_OPTO_↩ OUT_3	IEnumEntry			
OptoCoupled Output 4		KY_OPTO_↩ OUT_4	IEnumEntry			
OptoCoupled Output 5		KY_OPTO_↩ OUT_5	IEnumEntry			
OptoCoupled Output 6		KY_OPTO_↩ OUT_6	IEnumEntry			
OptoCoupled Output 7		KY_OPTO_↩ OUT_7	IEnumEntry			
LVDS Output 0		KY_LVDS_↩ OUT_0	IEnumEntry			
LVDS Output 1		KY_LVDS_↩ OUT_1	IEnumEntry			
LVDS Output 2		KY_LVDS_↩ OUT_2	IEnumEntry			
LVDS Output 3		KY_LVDS_↩ OUT_3	IEnumEntry			
Input		Input	IEnumEntry			
Output		Output	IEnumEntry			
Disabled		KY_DISABLED	IEnumEntry			
OptoCoupled Input 0		KY_OPTO_IN↩ _0	IEnumEntry			
OptoCoupled Input 1		KY_OPTO_IN↩ _1	IEnumEntry			
OptoCoupled Input 2		KY_OPTO_IN↩ _2	IEnumEntry			
OptoCoupled Input 3		KY_OPTO_IN↩ _3	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
OptoCoupled Input 4		KY_OPTO_IN↩ _4	IEnumEntry			
OptoCoupled Input 5		KY_OPTO_IN↩ _5	IEnumEntry			
OptoCoupled Input 6		KY_OPTO_IN↩ _6	IEnumEntry			
OptoCoupled Input 7		KY_OPTO_IN↩ _7	IEnumEntry			
LVDS Input 0		KY_LVDS_IN↩ _0	IEnumEntry			
LVDS Input 1		KY_LVDS_IN↩ _1	IEnumEntry			
LVDS Input 2		KY_LVDS_IN↩ _2	IEnumEntry			
LVDS Input 3		KY_LVDS_IN↩ _3	IEnumEntry			
TTL 0		KY_TTL_0	IEnumEntry			
TTL 1		KY_TTL_1	IEnumEntry			
TTL 2		KY_TTL_2	IEnumEntry			
TTL 3		KY_TTL_3	IEnumEntry			
TTL 4		KY_TTL_4	IEnumEntry			
TTL 5		KY_TTL_5	IEnumEntry			
TTL 6		KY_TTL_6	IEnumEntry			
TTL 7		KY_TTL_7	IEnumEntry			
LVTTL 0		KY_LVTTL_0	IEnumEntry			
LVTTL 1		KY_LVTTL_1	IEnumEntry			
LVTTL 2		KY_LVTTL_2	IEnumEntry			
LVTTL 3		KY_LVTTL_3	IEnumEntry			
LVTTL 4		KY_LVTTL_4	IEnumEntry			
LVTTL 5		KY_LVTTL_5	IEnumEntry			
LVTTL 6		KY_LVTTL_6	IEnumEntry			
LVTTL 7		KY_LVTTL_7	IEnumEntry			
Timer 0 Active		KY_TIMER_↩ ACTIVE_0	IEnumEntry			
Timer 1 Active		KY_TIMER_↩ ACTIVE_1	IEnumEntry			
Timer 2 Active		KY_TIMER_↩ ACTIVE_2	IEnumEntry			
Timer 3 Active		KY_TIMER_↩ ACTIVE_3	IEnumEntry			
Timer 4 Active		KY_TIMER_↩ ACTIVE_4	IEnumEntry			
Timer 5 Active		KY_TIMER_↩ ACTIVE_5	IEnumEntry			
Timer 6 Active		KY_TIMER_↩ ACTIVE_6	IEnumEntry			
Timer 7 Active		KY_TIMER_↩ ACTIVE_7	IEnumEntry			
User Output 0		KY_USER_↩ OUT_0	IEnumEntry			
User Output 1		KY_USER_↩ OUT_1	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
User Output 2		KY_USER_↩ OUT_2	IEnumEntry			
User Output 3		KY_USER_↩ OUT_3	IEnumEntry			
User Output 4		KY_USER_↩ OUT_4	IEnumEntry			
User Output 5		KY_USER_↩ OUT_5	IEnumEntry			
User Output 6		KY_USER_↩ OUT_6	IEnumEntry			
User Output 7		KY_USER_↩ OUT_7	IEnumEntry			
TriggerN 0		TriggerN0	IEnumEntry			
TriggerN 1		TriggerN1	IEnumEntry			
TriggerN 2		TriggerN2	IEnumEntry			
TriggerN 3		TriggerN3	IEnumEntry			
TriggerN 4		TriggerN4	IEnumEntry			
TriggerN 5		TriggerN5	IEnumEntry			
TriggerN 6		TriggerN6	IEnumEntry			
TriggerN 7		TriggerN7	IEnumEntry			
TriggerN 8		TriggerN8	IEnumEntry			
TriggerN 9		TriggerN9	IEnumEntry			
TriggerN 10		TriggerN10	IEnumEntry			
TriggerN 11		TriggerN11	IEnumEntry			
TriggerN 12		TriggerN12	IEnumEntry			
TriggerN 13		TriggerN13	IEnumEntry			
TriggerN 14		TriggerN14	IEnumEntry			
TriggerN 15		TriggerN15	IEnumEntry			
No Connect		NoConnect	IEnumEntry			
TriState		TriState	IEnumEntry			
TTL		TTL	IEnumEntry			
LVDS		LVDS	IEnumEntry			
RS422		RS422	IEnumEntry			
OptoCoupled		OptoCoupled	IEnumEntry			
LVTTL		LVTTL	IEnumEntry			
Non Available		NonAvailable	IEnumEntry			
Disabled		Disabled	IEnumEntry			
Rising Edge		RisingEdge	IEnumEntry			
Falling Edge		FallingEdge	IEnumEntry			
Any Edge		AnyEdge	IEnumEntry			
User Output 0		UserOutput0	IEnumEntry			
User Output 1		UserOutput1	IEnumEntry			
User Output 2		UserOutput2	IEnumEntry			
User Output 3		UserOutput3	IEnumEntry			
User Output 4		UserOutput4	IEnumEntry			
User Output 5		UserOutput5	IEnumEntry			
User Output 6		UserOutput6	IEnumEntry			
User Output 7		UserOutput7	IEnumEntry			

1.5 Encoder Control

Encoder Control: The encoder control lists all features that relates to control and monitoring of encoders.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Encoder Selector	Selects the trigger to configure.	Encoder↩ Selector	IEnumeration			
Encoder Output Mode	Selects trigger output signal behaviour.	Encoder↩ OutputMode	IEnumeration		Disabled; Position; Anystep; Stepforward; Stepbackward	
Encoder Inverter	Controls the inversion of the signal of the selected encoder.	Encoder↩ Inverter	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Encoder A Source	Encoder source selection for A input.	EncoderASource	IEnumeration		KY_DISABLED; KY_OPTO_IN_0; KY_OPTO_IN_1; KY_OPTO_IN_2; KY_OPTO_IN_3; KY_OPTO_IN_4; KY_OPTO_IN_5; KY_OPTO_IN_6; KY_OPTO_IN_7; KY_LVDS_IN_0; KY_LVDS_IN_1; KY_LVDS_IN_2; KY_LVDS_IN_3; KY_TTL_0; KY_TTL_1; KY_TTL_2; KY_TTL_3; KY_TTL_4; KY_TTL_5; KY_TTL_6; KY_TTL_7; KY_LVTTL_0; KY_LVTTL_1; KY_LVTTL_2; KY_LVTTL_3; KY_LVTTL_4; KY_LVTTL_5; KY_LVTTL_6; KY_LVTTL_7; TriggerN0; TriggerN1; TriggerN2; TriggerN3; TriggerN4; TriggerN5; TriggerN6; TriggerN7; TriggerN8; TriggerN9; TriggerN10; TriggerN11; TriggerN12; TriggerN13; TriggerN14; TriggerN15	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Encoder B Source	Encoder source selection for B input.	EncoderBSource	IEnumeration		KY_DISABLED; KY_OPTO_IN_0; KY_OPTO_IN_1; KY_OPTO_IN_2; KY_OPTO_IN_3; KY_OPTO_IN_4; KY_OPTO_IN_5; KY_OPTO_IN_6; KY_OPTO_IN_7; KY_LVDS_IN_0; KY_LVDS_IN_1; KY_LVDS_IN_2; KY_LVDS_IN_3; KY_TTL_0; KY_TTL_1; KY_TTL_2; KY_TTL_3; KY_TTL_4; KY_TTL_5; KY_TTL_6; KY_TTL_7; KY_LVTTL_0; KY_LVTTL_1; KY_LVTTL_2; KY_LVTTL_3; KY_LVTTL_4; KY_LVTTL_5; KY_LVTTL_6; KY_LVTTL_7; TriggerN0; TriggerN1; TriggerN2; TriggerN3; TriggerN4; TriggerN5; TriggerN6; TriggerN7; TriggerN8; TriggerN9; TriggerN10; TriggerN11; TriggerN12; TriggerN13; TriggerN14; TriggerN15	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Encoder Position	Encoder value in step counts. Writing this register will pre-set the count.	EncoderValue	IInteger			
Encoder Position Trigger	The value to compare with the Encoder Position Value, if position trigger is selected.	Encoder↩ Position	IInteger			
Encoder Filter	Filter for trigger, helps prevent signal de-bouncing. 8ns resolution, units in microseconds(us).	EncoderFilter	IFloat			
Encoder Reset Activation	Selects the activation mode of the encoder reset source signal.	Encoder↩ Reset↩ Activation	IEnumeration		RisingEdge; FallingEdge; AnyEdge; LevelHigh; LevelLow	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Encoder Reset Source	Encoder source selection for reset input.	Encoder↩ ResetSource	IEnumeration		KY_↩ DISABLED; KY_OPTO_↩ IN_0; KY_↩ OPTO_IN_1; KY_OPTO_↩ IN_2; KY_↩ OPTO_IN_3; KY_OPTO_↩ IN_4; KY_↩ OPTO_IN_5; KY_OPTO_↩ IN_6; KY_↩ OPTO_IN_7; KY_LVDS_↩ IN_0; KY_↩ LVDS_IN_1; KY_LVDS_↩ IN_2; KY_↩ LVDS_IN_3; KY_TTL_0; KY_TTL_1; KY_TTL_2; KY_TTL_3; KY_TTL_4; KY_TTL_5; KY_TTL_6; KY_TTL_7; KY_LVTTL_0; KY_LVTTL_1; KY_LVTTL_2; KY_LVTTL_3; KY_LVTTL_4; KY_LVTTL_5; KY_LVTTL_6; KY_LVTTL_7; TriggerN0; TriggerN1; TriggerN2; TriggerN3; TriggerN4; TriggerN5; TriggerN6; TriggerN7; TriggerN8; TriggerN9; TriggerN10; TriggerN11; TriggerN12; TriggerN13; TriggerN14; TriggerN15	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Encoder Reset	Does a software reset of the selected Encoder and starts it. The Encoder starts counting events immediately after the reset.	EncoderReset	ICommand			
Encoder Value at Reset	Reads the value of the of the position counter of the selected encoder when it was reset by a signal or by an explicit encoder reset command.	Encoder↩ ValueAtReset	IInteger			
Encoder Trigger Event	Enable/Disable event from encoder on every activation.	Encoder↩ EventMode	IEnumeration		Disabled; Enabled	
Encoder↩ Control_Imp access check implementation	Encoder↩ Control_Imp access check implementation	Encoder↩ Control_Imp	IBoolean			
Encoder↩ Selector_↩ Encoder0_Imp access check implementation	Encoder↩ Selector_↩ Encoder0_Imp access check implementation	Encoder↩ Selector_↩ Encoder0_Imp	IBoolean			
Encoder↩ Selector_↩ Encoder1_Imp access check implementation	Encoder↩ Selector_↩ Encoder1_Imp access check implementation	Encoder↩ Selector_↩ Encoder1_Imp	IBoolean			
Encoder↩ Selector_↩ Encoder2_Imp access check implementation	Encoder↩ Selector_↩ Encoder2_Imp access check implementation	Encoder↩ Selector_↩ Encoder2_Imp	IBoolean			
Encoder↩ Selector_↩ Encoder3_Imp access check implementation	Encoder↩ Selector_↩ Encoder3_Imp access check implementation	Encoder↩ Selector_↩ Encoder3_Imp	IBoolean			

1.5.1 Encoder Control Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Encoder 0		Encoder0	IEnumEntry			
Encoder 1		Encoder1	IEnumEntry			
Encoder 2		Encoder2	IEnumEntry			
Encoder 3		Encoder3	IEnumEntry			
Disabled		Disabled	IEnumEntry			
Position		Position	IEnumEntry			
Any step		Anystep	IEnumEntry			
Step forward		Stepforward	IEnumEntry			
Step backward		Stepbackward	IEnumEntry			
Disabled		KY_DISABLED	IEnumEntry			
OptoCoupled Input 0		KY_OPTO_IN↩_0	IEnumEntry			
OptoCoupled Input 1		KY_OPTO_IN↩_1	IEnumEntry			
OptoCoupled Input 2		KY_OPTO_IN↩_2	IEnumEntry			
OptoCoupled Input 3		KY_OPTO_IN↩_3	IEnumEntry			
OptoCoupled Input 4		KY_OPTO_IN↩_4	IEnumEntry			
OptoCoupled Input 5		KY_OPTO_IN↩_5	IEnumEntry			
OptoCoupled Input 6		KY_OPTO_IN↩_6	IEnumEntry			
OptoCoupled Input 7		KY_OPTO_IN↩_7	IEnumEntry			
LVDS Input 0		KY_LVDS_IN↩_0	IEnumEntry			
LVDS Input 1		KY_LVDS_IN↩_1	IEnumEntry			
LVDS Input 2		KY_LVDS_IN↩_2	IEnumEntry			
LVDS Input 3		KY_LVDS_IN↩_3	IEnumEntry			
TTL 0		KY_TTL_0	IEnumEntry			
TTL 1		KY_TTL_1	IEnumEntry			
TTL 2		KY_TTL_2	IEnumEntry			
TTL 3		KY_TTL_3	IEnumEntry			
TTL 4		KY_TTL_4	IEnumEntry			
TTL 5		KY_TTL_5	IEnumEntry			
TTL 6		KY_TTL_6	IEnumEntry			
TTL 7		KY_TTL_7	IEnumEntry			
LVTTL 0		KY_LVTTL_0	IEnumEntry			
LVTTL 1		KY_LVTTL_1	IEnumEntry			
LVTTL 2		KY_LVTTL_2	IEnumEntry			
LVTTL 3		KY_LVTTL_3	IEnumEntry			
LVTTL 4		KY_LVTTL_4	IEnumEntry			
LVTTL 5		KY_LVTTL_5	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
LVTTL 6		KY_LVTTL_6	IEnumEntry			
LVTTL 7		KY_LVTTL_7	IEnumEntry			
TriggerN 0		TriggerN0	IEnumEntry			
TriggerN 1		TriggerN1	IEnumEntry			
TriggerN 2		TriggerN2	IEnumEntry			
TriggerN 3		TriggerN3	IEnumEntry			
TriggerN 4		TriggerN4	IEnumEntry			
TriggerN 5		TriggerN5	IEnumEntry			
TriggerN 6		TriggerN6	IEnumEntry			
TriggerN 7		TriggerN7	IEnumEntry			
TriggerN 8		TriggerN8	IEnumEntry			
TriggerN 9		TriggerN9	IEnumEntry			
TriggerN 10		TriggerN10	IEnumEntry			
TriggerN 11		TriggerN11	IEnumEntry			
TriggerN 12		TriggerN12	IEnumEntry			
TriggerN 13		TriggerN13	IEnumEntry			
TriggerN 14		TriggerN14	IEnumEntry			
TriggerN 15		TriggerN15	IEnumEntry			
Disabled		KY_DISABLED	IEnumEntry			
OptoCoupled Input 0		KY_OPTO_IN↩_0	IEnumEntry			
OptoCoupled Input 1		KY_OPTO_IN↩_1	IEnumEntry			
OptoCoupled Input 2		KY_OPTO_IN↩_2	IEnumEntry			
OptoCoupled Input 3		KY_OPTO_IN↩_3	IEnumEntry			
OptoCoupled Input 4		KY_OPTO_IN↩_4	IEnumEntry			
OptoCoupled Input 5		KY_OPTO_IN↩_5	IEnumEntry			
OptoCoupled Input 6		KY_OPTO_IN↩_6	IEnumEntry			
OptoCoupled Input 7		KY_OPTO_IN↩_7	IEnumEntry			
LVDS Input 0		KY_LVDS_IN↩_0	IEnumEntry			
LVDS Input 1		KY_LVDS_IN↩_1	IEnumEntry			
LVDS Input 2		KY_LVDS_IN↩_2	IEnumEntry			
LVDS Input 3		KY_LVDS_IN↩_3	IEnumEntry			
TTL 0		KY_TTL_0	IEnumEntry			
TTL 1		KY_TTL_1	IEnumEntry			
TTL 2		KY_TTL_2	IEnumEntry			
TTL 3		KY_TTL_3	IEnumEntry			
TTL 4		KY_TTL_4	IEnumEntry			
TTL 5		KY_TTL_5	IEnumEntry			
TTL 6		KY_TTL_6	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
TTL 7		KY_TTL_7	IEnumEntry			
LVTTL 0		KY_LVTTL_0	IEnumEntry			
LVTTL 1		KY_LVTTL_1	IEnumEntry			
LVTTL 2		KY_LVTTL_2	IEnumEntry			
LVTTL 3		KY_LVTTL_3	IEnumEntry			
LVTTL 4		KY_LVTTL_4	IEnumEntry			
LVTTL 5		KY_LVTTL_5	IEnumEntry			
LVTTL 6		KY_LVTTL_6	IEnumEntry			
LVTTL 7		KY_LVTTL_7	IEnumEntry			
TriggerN 0		TriggerN0	IEnumEntry			
TriggerN 1		TriggerN1	IEnumEntry			
TriggerN 2		TriggerN2	IEnumEntry			
TriggerN 3		TriggerN3	IEnumEntry			
TriggerN 4		TriggerN4	IEnumEntry			
TriggerN 5		TriggerN5	IEnumEntry			
TriggerN 6		TriggerN6	IEnumEntry			
TriggerN 7		TriggerN7	IEnumEntry			
TriggerN 8		TriggerN8	IEnumEntry			
TriggerN 9		TriggerN9	IEnumEntry			
TriggerN 10		TriggerN10	IEnumEntry			
TriggerN 11		TriggerN11	IEnumEntry			
TriggerN 12		TriggerN12	IEnumEntry			
TriggerN 13		TriggerN13	IEnumEntry			
TriggerN 14		TriggerN14	IEnumEntry			
TriggerN 15		TriggerN15	IEnumEntry			
Rising Edge		RisingEdge	IEnumEntry			
Falling Edge		FallingEdge	IEnumEntry			
Any Edge		AnyEdge	IEnumEntry			
Level High		LevelHigh	IEnumEntry			
Level Low		LevelLow	IEnumEntry			
Disabled		KY_DISABLED	IEnumEntry			
OptoCoupled Input 0		KY_OPTO_IN↩_0	IEnumEntry			
OptoCoupled Input 1		KY_OPTO_IN↩_1	IEnumEntry			
OptoCoupled Input 2		KY_OPTO_IN↩_2	IEnumEntry			
OptoCoupled Input 3		KY_OPTO_IN↩_3	IEnumEntry			
OptoCoupled Input 4		KY_OPTO_IN↩_4	IEnumEntry			
OptoCoupled Input 5		KY_OPTO_IN↩_5	IEnumEntry			
OptoCoupled Input 6		KY_OPTO_IN↩_6	IEnumEntry			
OptoCoupled Input 7		KY_OPTO_IN↩_7	IEnumEntry			
LVDS Input 0		KY_LVDS_IN↩_0	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
LVDS Input 1		KY_LVDS_IN↩_1	IEnumEntry			
LVDS Input 2		KY_LVDS_IN↩_2	IEnumEntry			
LVDS Input 3		KY_LVDS_IN↩_3	IEnumEntry			
TTL 0		KY_TTL_0	IEnumEntry			
TTL 1		KY_TTL_1	IEnumEntry			
TTL 2		KY_TTL_2	IEnumEntry			
TTL 3		KY_TTL_3	IEnumEntry			
TTL 4		KY_TTL_4	IEnumEntry			
TTL 5		KY_TTL_5	IEnumEntry			
TTL 6		KY_TTL_6	IEnumEntry			
TTL 7		KY_TTL_7	IEnumEntry			
LVTTL 0		KY_LVTTL_0	IEnumEntry			
LVTTL 1		KY_LVTTL_1	IEnumEntry			
LVTTL 2		KY_LVTTL_2	IEnumEntry			
LVTTL 3		KY_LVTTL_3	IEnumEntry			
LVTTL 4		KY_LVTTL_4	IEnumEntry			
LVTTL 5		KY_LVTTL_5	IEnumEntry			
LVTTL 6		KY_LVTTL_6	IEnumEntry			
LVTTL 7		KY_LVTTL_7	IEnumEntry			
TriggerN 0		TriggerN0	IEnumEntry			
TriggerN 1		TriggerN1	IEnumEntry			
TriggerN 2		TriggerN2	IEnumEntry			
TriggerN 3		TriggerN3	IEnumEntry			
TriggerN 4		TriggerN4	IEnumEntry			
TriggerN 5		TriggerN5	IEnumEntry			
TriggerN 6		TriggerN6	IEnumEntry			
TriggerN 7		TriggerN7	IEnumEntry			
TriggerN 8		TriggerN8	IEnumEntry			
TriggerN 9		TriggerN9	IEnumEntry			
TriggerN 10		TriggerN10	IEnumEntry			
TriggerN 11		TriggerN11	IEnumEntry			
TriggerN 12		TriggerN12	IEnumEntry			
TriggerN 13		TriggerN13	IEnumEntry			
TriggerN 14		TriggerN14	IEnumEntry			
TriggerN 15		TriggerN15	IEnumEntry			
Disabled		Disabled	IEnumEntry			
Enabled		Enabled	IEnumEntry			

1.6 Fan Control

Fan Control: Category for fan control.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
PWM frequency	Fan control clock frequency in KHz.	PWM_frequency	IFloat			
PWM period	Fan control clock period in microseconds(us).	PWM_period	IFloat			
PWM duty cycle	Fan duty cycle in percentage to PWM period.	PWM_duty_↩ cycle	IInteger			
FAN On Threshold	When the card's temperature rise above the max threshold it will turn the fan on.	PWM_max_↩ temp	IFloat			
FAN Off Threshold	When the card's temperature drop below the min threshold it will turn the fan Off.	PWM_min_temp	IFloat			

1.7 I/O Control

I/O Control: I/O control settings.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Digital I/O Control	Digital I/O covers the features required to control the general Input and Output signals of the camera.	DigitalIOControl	ICategory			
Encoder Control	The encoder control lists all features that relates to control and monitoring of encoders.	EncoderControl	ICategory			
Link Trigger Control	The Link Trigger Control section describes all features related to PCI Interface links using trigger(s).	LinkTrigger↩ Control	ICategory			
Pulse Message Control	The Pulse Message Control lists all features that relates to pulse message format and generation method.	Pulse↩ MessageControl	ICategory			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Timer Control	The timer control lists all features that relates to control and monitoring of timers.	TimerControl	ICategory			
TriggerN Control	The TriggerN Control lists all features that relates to control and monitoring of device TriggerNs.	TriggerNControl	ICategory			

1.8 Hardware Information

Hardware Information: Category for device information.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Firmware version	Version of the firmware in the PCI Interface.	Device↩ FirmwareVersion	IString			
Firmware status	Status of the firmware in the PCI Interface.	Device↩ FirmwareStatus	IString			
Software status	Compatibility of the running software version with the running firmware.	Device↩ SoftwareStatus	IString			
Serial Number	Serial Number of the PCI Interface.	SerialNumber	IInteger			
Device Serial Number	Serial Number of the PCI Interface.	DeviceSerial↩ Number	IString			
Revision	Revision of the PCI Interface.	DeviceRevision	IInteger			
Maximum available links	Maximum available links on the PCI Interface.	DeviceMaxLinks	IInteger			
Physical links	Maximum physical links available on the PCI Interface.	Device↩ Physical↩ LinksMax	IInteger			
Stream channels	Maximum stream channels available on the PCI Interface.	DeviceMax↩ StreamChannels	IInteger			
Min. PCIe generation required	Minimal device requirement for PCIe generation.	DevicePci↩ GenerationMin	IInteger			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Min. PCIe lanes required	Minimal PCI Interface requirement for number of PCI lanes.	DevicePci↩ LanesMin	IInteger			
PCIe generation	PCIe generation configuration.	DevicePci↩ Generation	IInteger			
PCIe lanes	Maximum available lanes on the PCI Interface PCIe slot.	DevicePciLanes	IInteger			
Core Temperature	PCI Interface core temperature in Celsius.	Device↩ Temperature	IInteger			
Core temperature exit warning threshold	PCI Interface core temperature exit warning threshold in Celsius.	Device↩ Temperature↩ ExitWarning↩ Threshold	IInteger			
Core temperature warning threshold	PCI Interface core temperature warning threshold in Celsius.	Device↩ Temperature↩ Warning↩ Threshold	IInteger			
Core temperature exit critical threshold	PCI Interface core temperature exit critical threshold in Celsius.	Device↩ Temperature↩ ExitCritical↩ Threshold	IInteger			
Core temperature critical threshold	PCI Interface core temperature critical threshold in Celsius.	Device↩ Temperature↩ CriticalThreshold	IInteger			
Status	Status of the PCI Interface.	DeviceStatus	IString			

1.9 Link Trigger Control

Link Trigger Control: The Link Trigger Control section describes all features related to PCI Interface links using trigger(s).

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link Trigger Selector	Selects the trigger to configure.	LinkTrigger↩ Selector	IEnumeration			
Link Trigger Mode	Controls if the selected trigger is active.	LinkTrigger↩ Mode	IEnumeration		Off; On	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link Trigger Activation	Specifies the activation mode of the trigger.	LinkTrigger↩ Activation	IEnumeration		RisingEdge; FallingEdge; AnyEdge; RisingEdge↩ Inv; Falling↩ EdgeInv; AnyEdgeInv	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link Trigger Source	Specifies the internal signal or physical input Line to use as the trigger source. The selected trigger must have its Trigger↩ Mode set to On.	LinkTrigger↩ Source	IEnumeration		KY_↩ DISABLED; KY_OPTO_↩ IN_0; KY_↩ OPTO_IN_1; KY_OPTO_↩ IN_2; KY_↩ OPTO_IN_3; KY_OPTO_↩ IN_4; KY_↩ OPTO_IN_5; KY_OPTO_↩ IN_6; KY_↩ OPTO_IN_7; KY_LVDS_↩ IN_0; KY_↩ LVDS_IN_1; KY_LVDS_↩ IN_2; KY_↩ LVDS_IN_3; KY_TTL_0; KY_TTL_1; KY_TTL_2; KY_TTL_3; KY_TTL_4; KY_TTL_5; KY_TTL_6; KY_TTL_7; KY_LVTTL_0; KY_LVTTL_1; KY_LVTTL_2; KY_LVTTL_3; KY_LVTTL_4; KY_LVTTL_5; KY_LVTTL_6; KY_LVTTL↩ _7; KY_↩ SOFTWARE; KY_↩ ENCODER↩ _0; KY_↩ ENCODER↩ _1; KY_↩ ENCODER↩ _2; KY_↩ ENCODER_3; KY_TIMER↩ _ACTIVE_0; KY_TIMER↩ _ACTIVE_1; KY_TIMER↩ _ACTIVE_2; KY_TIMER↩ _ACTIVE_3; KY_TIMER↩ _ACTIVE_4; KY_TIMER↩ _ACTIVE_5;	
					KY_TIMER↩ _ACTIVE_6; KY_TIMER↩ _ACTIVE_7;	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link Trigger Delay	Specifies the delay in microseconds(us) to apply after the trigger reception before activating it.	LinkTrigger↩ Delay	IFloat			
Link Trigger Filter	Filter for trigger, helps prevent signal de-bouncing. 8ns resolution, units in microseconds(us).	LinkTrigger↩ Filter	IFloat			
Link Trigger Software	Generates an internal trigger. TriggerSource must be set to Software.	LinkTrigger↩ Software	ICommand			
Link Trigger Event Enable	Enable/Disable event from link trigger on every activation.	LinkTrigger↩ EventEnable	IEnumeration		Disabled; Enabled	
LinkTrigger↩ Control_Imp access check implementation	LinkTrigger↩ Control_Imp access check implementation	LinkTrigger↩ Control_Imp	IBoolean			
LinkTrigger↩ Selector↩ _Link0_Imp access check implementation	LinkTrigger↩ Selector↩ _Link0_Imp access check implementation	LinkTrigger↩ Selector_↩ Link0_Imp	IBoolean			
LinkTrigger↩ Selector↩ _Link1_Imp access check implementation	LinkTrigger↩ Selector↩ _Link1_Imp access check implementation	LinkTrigger↩ Selector_↩ Link1_Imp	IBoolean			
LinkTrigger↩ Selector↩ _Link2_Imp access check implementation	LinkTrigger↩ Selector↩ _Link2_Imp access check implementation	LinkTrigger↩ Selector_↩ Link2_Imp	IBoolean			
LinkTrigger↩ Selector↩ _Link3_Imp access check implementation	LinkTrigger↩ Selector↩ _Link3_Imp access check implementation	LinkTrigger↩ Selector_↩ Link3_Imp	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
LinkTrigger↩ Selector↩ _Link4_Imp access check implementation	LinkTrigger↩ Selector↩ _Link4_Imp access check implementation	LinkTrigger↩ Selector_↩ Link4_Imp	IBoolean			
LinkTrigger↩ Selector↩ _Link5_Imp access check implementation	LinkTrigger↩ Selector↩ _Link5_Imp access check implementation	LinkTrigger↩ Selector_↩ Link5_Imp	IBoolean			
LinkTrigger↩ Selector↩ _Link6_Imp access check implementation	LinkTrigger↩ Selector↩ _Link6_Imp access check implementation	LinkTrigger↩ Selector_↩ Link6_Imp	IBoolean			
LinkTrigger↩ Selector↩ _Link7_Imp access check implementation	LinkTrigger↩ Selector↩ _Link7_Imp access check implementation	LinkTrigger↩ Selector_↩ Link7_Imp	IBoolean			

1.9.1 Link Trigger Control Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 0		Link0	IEnumEntry			
Link 1		Link1	IEnumEntry			
Link 2		Link2	IEnumEntry			
Link 3		Link3	IEnumEntry			
Link 4		Link4	IEnumEntry			
Link 5		Link5	IEnumEntry			
Link 6		Link6	IEnumEntry			
Link 7		Link7	IEnumEntry			
Off		Off	IEnumEntry			
On		On	IEnumEntry			
Rising Edge		RisingEdge	IEnumEntry			
Falling Edge		FallingEdge	IEnumEntry			
Any Edge		AnyEdge	IEnumEntry			
Rising Edge Invert		RisingEdgeInv	IEnumEntry			
Falling Edge Invert		FallingEdgeInv	IEnumEntry			
Any Edge Invert		AnyEdgeInv	IEnumEntry			
Disabled		KY_DISABLED	IEnumEntry			
OptoCoupled Input 0		KY_OPTO_IN↩ _0	IEnumEntry			
OptoCoupled Input 1		KY_OPTO_IN↩ _1	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
OptoCoupled Input 2		KY_OPTO_IN↩ _2	IEnumEntry			
OptoCoupled Input 3		KY_OPTO_IN↩ _3	IEnumEntry			
OptoCoupled Input 4		KY_OPTO_IN↩ _4	IEnumEntry			
OptoCoupled Input 5		KY_OPTO_IN↩ _5	IEnumEntry			
OptoCoupled Input 6		KY_OPTO_IN↩ _6	IEnumEntry			
OptoCoupled Input 7		KY_OPTO_IN↩ _7	IEnumEntry			
LVDS Input 0		KY_LVDS_IN↩ _0	IEnumEntry			
LVDS Input 1		KY_LVDS_IN↩ _1	IEnumEntry			
LVDS Input 2		KY_LVDS_IN↩ _2	IEnumEntry			
LVDS Input 3		KY_LVDS_IN↩ _3	IEnumEntry			
TTL 0		KY_TTL_0	IEnumEntry			
TTL 1		KY_TTL_1	IEnumEntry			
TTL 2		KY_TTL_2	IEnumEntry			
TTL 3		KY_TTL_3	IEnumEntry			
TTL 4		KY_TTL_4	IEnumEntry			
TTL 5		KY_TTL_5	IEnumEntry			
TTL 6		KY_TTL_6	IEnumEntry			
TTL 7		KY_TTL_7	IEnumEntry			
LVTTL 0		KY_LVTTL_0	IEnumEntry			
LVTTL 1		KY_LVTTL_1	IEnumEntry			
LVTTL 2		KY_LVTTL_2	IEnumEntry			
LVTTL 3		KY_LVTTL_3	IEnumEntry			
LVTTL 4		KY_LVTTL_4	IEnumEntry			
LVTTL 5		KY_LVTTL_5	IEnumEntry			
LVTTL 6		KY_LVTTL_6	IEnumEntry			
LVTTL 7		KY_LVTTL_7	IEnumEntry			
Software		KY_↩ SOFTWARE	IEnumEntry			
Encoder 0		KY_↩ ENCODER_0	IEnumEntry			
Encoder 1		KY_↩ ENCODER_1	IEnumEntry			
Encoder 2		KY_↩ ENCODER_2	IEnumEntry			
Encoder 3		KY_↩ ENCODER_3	IEnumEntry			
Timer 0 Active		KY_TIMER_↩ ACTIVE_0	IEnumEntry			
Timer 1 Active		KY_TIMER_↩ ACTIVE_1	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Timer 2 Active		KY_TIMER_↩ ACTIVE_2	IEnumEntry			
Timer 3 Active		KY_TIMER_↩ ACTIVE_3	IEnumEntry			
Timer 4 Active		KY_TIMER_↩ ACTIVE_4	IEnumEntry			
Timer 5 Active		KY_TIMER_↩ ACTIVE_5	IEnumEntry			
Timer 6 Active		KY_TIMER_↩ ACTIVE_6	IEnumEntry			
Timer 7 Active		KY_TIMER_↩ ACTIVE_7	IEnumEntry			
TriggerN 0		TriggerN0	IEnumEntry			
TriggerN 1		TriggerN1	IEnumEntry			
TriggerN 2		TriggerN2	IEnumEntry			
TriggerN 3		TriggerN3	IEnumEntry			
TriggerN 4		TriggerN4	IEnumEntry			
TriggerN 5		TriggerN5	IEnumEntry			
TriggerN 6		TriggerN6	IEnumEntry			
TriggerN 7		TriggerN7	IEnumEntry			
TriggerN 8		TriggerN8	IEnumEntry			
TriggerN 9		TriggerN9	IEnumEntry			
TriggerN 10		TriggerN10	IEnumEntry			
TriggerN 11		TriggerN11	IEnumEntry			
TriggerN 12		TriggerN12	IEnumEntry			
TriggerN 13		TriggerN13	IEnumEntry			
TriggerN 14		TriggerN14	IEnumEntry			
TriggerN 15		TriggerN15	IEnumEntry			
Disabled		Disabled	IEnumEntry			
Enabled		Enabled	IEnumEntry			

1.10 Macom Control

Macom Control: Parameters for Macom control

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Macom Channel	Macom channel	Macom↩ Channel↩ Selector	IInteger			
Macom Address	Macom Address	MacomAddress	IInteger			
Macom Value	Macom Value	MacomValue	IInteger			
Macom↩ Control_Imp access check implementation	Macom↩ Control_Imp access check implementation	Macom↩ Control_Imp	IBoolean			

1.11 Manual Detection Configuration

Manual Detection Configuration: Manual camera detection configuration control. Set camera connectivity parameters manualy.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Devices Count	Number of devices selected for manual detection.	Manual↩ Detection↩ DevicesCount	IInteger			
Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_↩ 1_25G_Imp access check implementation	Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_↩ 1_25G_Imp access check implementation	Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_1_25↩ G_Imp	IBoolean			
Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_2_5↩ G_Imp access check implementation	Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_2_5↩ G_Imp access check implementation	Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_2_5↩ G_Imp	IBoolean			
Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_3↩ _125G_Imp access check implementation	Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_3↩ _125G_Imp access check implementation	Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_3_↩ 125G_Imp	IBoolean			
Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_5G↩ _Imp access check implementation	Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_5G↩ _Imp access check implementation	Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_5G_↩ Imp	IBoolean			
Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_↩ 6_25G_Imp access check implementation	Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_↩ 6_25G_Imp access check implementation	Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_6_25↩ G_Imp	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_10↩ G_Imp access check implementation	Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_10↩ G_Imp access check implementation	Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_10G↩ _Imp	IBoolean			
Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_12↩ G_Imp access check implementation	Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_12↩ G_Imp access check implementation	Manual↩ Detection↩ DeviceLinks↩ Speed_↩ SPEED_12G↩ _Imp	IBoolean			
Manual↩ Detection↩ Device_Link↩ _HOST_↩ LINK_0_Imp access check implementation	Manual↩ Detection↩ Device_Link↩ _HOST_↩ LINK_0_Imp access check implementation	Manual↩ Detection↩ Device_Link_↩ HOST_LINK_↩ 0_Imp	IBoolean			
Manual↩ Detection↩ Device_Link↩ _HOST_↩ LINK_1_Imp access check implementation	Manual↩ Detection↩ Device_Link↩ _HOST_↩ LINK_1_Imp access check implementation	Manual↩ Detection↩ Device_Link_↩ HOST_LINK_↩ 1_Imp	IBoolean			
Manual↩ Detection↩ Device_Link↩ _HOST_↩ LINK_2_Imp access check implementation	Manual↩ Detection↩ Device_Link↩ _HOST_↩ LINK_2_Imp access check implementation	Manual↩ Detection↩ Device_Link_↩ HOST_LINK_↩ 2_Imp	IBoolean			
Manual↩ Detection↩ Device_Link↩ _HOST_↩ LINK_3_Imp access check implementation	Manual↩ Detection↩ Device_Link↩ _HOST_↩ LINK_3_Imp access check implementation	Manual↩ Detection↩ Device_Link_↩ HOST_LINK_↩ 3_Imp	IBoolean			
Manual↩ Detection↩ Device_Link↩ _HOST_↩ LINK_4_Imp access check implementation	Manual↩ Detection↩ Device_Link↩ _HOST_↩ LINK_4_Imp access check implementation	Manual↩ Detection↩ Device_Link_↩ HOST_LINK_↩ 4_Imp	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Manual↩ Detection↩ Device_Link↩ _HOST_↩ LINK_5_Imp access check implementation	Manual↩ Detection↩ Device_Link↩ _HOST_↩ LINK_5_Imp access check implementation	Manual↩ Detection↩ Device_Link_↩ HOST_LINK_↩ 5_Imp	IBoolean			
Manual↩ Detection↩ Device_Link↩ _HOST_↩ LINK_6_Imp access check implementation	Manual↩ Detection↩ Device_Link↩ _HOST_↩ LINK_6_Imp access check implementation	Manual↩ Detection↩ Device_Link_↩ HOST_LINK_↩ 6_Imp	IBoolean			
Manual↩ Detection↩ Device_Link↩ _HOST_↩ LINK_7_Imp access check implementation	Manual↩ Detection↩ Device_Link↩ _HOST_↩ LINK_7_Imp access check implementation	Manual↩ Detection↩ Device_Link_↩ HOST_LINK_↩ 7_Imp	IBoolean			
Device 0 Available	Read-only flag that becomes true when Device 0 exists and can be configured.	Manual↩ Detection↩ Device_0_Is↩ Available	IBoolean			
Device 1 Available	Read-only flag that becomes true when Device 1 exists and can be configured.	Manual↩ Detection↩ Device_1_Is↩ Available	IBoolean			
Device 2 Available	Read-only flag that becomes true when Device 2 exists and can be configured.	Manual↩ Detection↩ Device_2_Is↩ Available	IBoolean			
Device 3 Available	Read-only flag that becomes true when Device 3 exists and can be configured.	Manual↩ Detection↩ Device_3_Is↩ Available	IBoolean			
Device 4 Available	Read-only flag that becomes true when Device 4 exists and can be configured.	Manual↩ Detection↩ Device_4_Is↩ Available	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Device 5 Available	Read-only flag that becomes true when Device 5 exists and can be configured.	Manual↩ Detection↩ Device_5_Is↩ Available	IBoolean			
Device 6 Available	Read-only flag that becomes true when Device 6 exists and can be configured.	Manual↩ Detection↩ Device_6_Is↩ Available	IBoolean			
Device 7 Available	Read-only flag that becomes true when Device 7 exists and can be configured.	Manual↩ Detection↩ Device_7_Is↩ Available	IBoolean			
Device 0	.	Manual↩ Detection↩ Device_0	ICategory			
Device 1	.	Manual↩ Detection↩ Device_1	ICategory			
Device 2	.	Manual↩ Detection↩ Device_2	ICategory			
Device 3	.	Manual↩ Detection↩ Device_3	ICategory			
Device 4	.	Manual↩ Detection↩ Device_4	ICategory			
Device 5	.	Manual↩ Detection↩ Device_5	ICategory			
Device 6	.	Manual↩ Detection↩ Device_6	ICategory			
Device 7	.	Manual↩ Detection↩ Device_7	ICategory			

1.12 Device 0

Device 0:

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Links Count	Select how many camera links are active for Manual Detection Device 0.	Manual↩ Detection↩ Device_0_↩ LinksCount	IEnumeration		LINKS_1; LINKS_↩ 2; LINKS_4; LINKS_8	
Links Speed	Sets the link speed in Gbps for all active links of Manual Detection Device 0.	Manual↩ Detection↩ Device_0_↩ LinksSpeed	IEnumeration			
Links	.	Manual↩ Detection↩ Device_0_↩ Links	ICategory			

1.12.1 Device 0 Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
1 Link		LINKS_1	IEnumEntry			
2 Links		LINKS_2	IEnumEntry			
4 Links		LINKS_4	IEnumEntry			
8 Links		LINKS_8	IEnumEntry			
1.25 Gbps		SPEED_1_25G	IEnumEntry			
2.5 Gbps		SPEED_2_5G	IEnumEntry			
3.125 Gbps		SPEED_3_125G	IEnumEntry			
5 Gbps		SPEED_5G	IEnumEntry			
6.25 Gbps		SPEED_6_25G	IEnumEntry			
10 Gbps		SPEED_10G	IEnumEntry			
12 Gbps		SPEED_12G	IEnumEntry			

1.13 Links

Links:

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 0 Available	Read-only flag derived from "Links Count". True if Link 0 is within the active link range.	Manual↩ Detection↩ Device_0_↩ Link_0_Is↩ Available	IBoolean			
Link 0	Maps camera Link 0 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_0_↩ Link_0	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 1 Available	Read-only flag derived from "Links Count". True if Link 1 is within the active link range.	Manual↩ Detection↩ Device_0_↩ Link_1_Is↩ Available	IBoolean			
Link 1	Maps camera Link 1 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_0_↩ Link_1	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 2 Available	Read-only flag derived from "Links Count". True if Link 2 is within the active link range.	Manual↩ Detection↩ Device_0_↩ Link_2_Is↩ Available	IBoolean			
Link 2	Maps camera Link 2 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_0_↩ Link_2	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 3 Available	Read-only flag derived from "Links Count". True if Link 3 is within the active link range.	Manual↩ Detection↩ Device_0_↩ Link_3_Is↩ Available	IBoolean			
Link 3	Maps camera Link 3 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_0_↩ Link_3	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 4 Available	Read-only flag derived from "Links Count". True if Link 4 is within the active link range.	Manual↩ Detection↩ Device_0_↩ Link_4_Is↩ Available	IBoolean			
Link 4	Maps camera Link 4 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_0_↩ Link_4	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 5 Available	Read-only flag derived from "Links Count". True if Link 5 is within the active link range.	Manual↩ Detection↩ Device_0_↩ Link_5_Is↩ Available	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 5	Maps camera Link 5 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_0_↩ Link_5	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 6 Available	Read-only flag derived from "Links Count". True if Link 6 is within the active link range.	Manual↩ Detection↩ Device_0_↩ Link_6_Is↩ Available	IBoolean			
Link 6	Maps camera Link 6 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_0_↩ Link_6	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 7 Available	Read-only flag derived from "Links Count". True if Link 7 is within the active link range.	Manual↩ Detection↩ Device_0_↩ Link_7_Is↩ Available	IBoolean			
Link 7	Maps camera Link 7 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_0_↩ Link_7	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	

1.13.1 Links Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			

1.14 Device 1

Device 1:

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Links Count	Select how many camera links are active for Manual Detection Device 1.	Manual↩ Detection↩ Device_1_↩ LinksCount	IEnumeration		LINKS_1; LINKS_↩ 2; LINKS_4; LINKS_8	
Links Speed	Sets the link speed in Gbps for all active links of Manual Detection Device 1.	Manual↩ Detection↩ Device_1_↩ LinksSpeed	IEnumeration			
Links	.	Manual↩ Detection↩ Device_1_↩ Links	ICategory			

1.14.1 Device 1 Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
1 Link		LINKS_1	IEnumEntry			
2 Links		LINKS_2	IEnumEntry			
4 Links		LINKS_4	IEnumEntry			
8 Links		LINKS_8	IEnumEntry			
1.25 Gbps		SPEED_1_25G	IEnumEntry			
2.5 Gbps		SPEED_2_5G	IEnumEntry			
3.125 Gbps		SPEED_3_125G	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
5 Gbps		SPEED_5G	IEnumEntry			
6.25 Gbps		SPEED_6_25G	IEnumEntry			
10 Gbps		SPEED_10G	IEnumEntry			
12 Gbps		SPEED_12G	IEnumEntry			

1.15 Links

Links:

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 0 Available	Read-only flag derived from "Links Count". True if Link 0 is within the active link range.	Manual↩ Detection↩ Device_1_↩ Link_0_Is↩ Available	IBoolean			
Link 0	Maps camera Link 0 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_1_↩ Link_0	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 1 Available	Read-only flag derived from "Links Count". True if Link 1 is within the active link range.	Manual↩ Detection↩ Device_1_↩ Link_1_Is↩ Available	IBoolean			
Link 1	Maps camera Link 1 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_1_↩ Link_1	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 2 Available	Read-only flag derived from "Links Count". True if Link 2 is within the active link range.	Manual↩ Detection↩ Device_1_↩ Link_2_Is↩ Available	IBoolean			
Link 2	Maps camera Link 2 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_1_↩ Link_2	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 3 Available	Read-only flag derived from "Links Count". True if Link 3 is within the active link range.	Manual↩ Detection↩ Device_1_↩ Link_3_Is↩ Available	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 3	Maps camera Link 3 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_1_↩ Link_3	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 4 Available	Read-only flag derived from "Links Count". True if Link 4 is within the active link range.	Manual↩ Detection↩ Device_1_↩ Link_4_Is↩ Available	IBoolean			
Link 4	Maps camera Link 4 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_1_↩ Link_4	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 5 Available	Read-only flag derived from "Links Count". True if Link 5 is within the active link range.	Manual↩ Detection↩ Device_1_↩ Link_5_Is↩ Available	IBoolean			
Link 5	Maps camera Link 5 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_1_↩ Link_5	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 6 Available	Read-only flag derived from "Links Count". True if Link 6 is within the active link range.	Manual↩ Detection↩ Device_1_↩ Link_6_Is↩ Available	IBoolean			
Link 6	Maps camera Link 6 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_1_↩ Link_6	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 7 Available	Read-only flag derived from "Links Count". True if Link 7 is within the active link range.	Manual↩ Detection↩ Device_1_↩ Link_7_Is↩ Available	IBoolean			
Link 7	Maps camera Link 7 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_1_↩ Link_7	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	

1.15.1 Links Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			

1.16 Device 2

Device 2:

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Links Count	Select how many camera links are active for Manual Detection Device 2.	Manual↩Detection↩Device_2_↩LinksCount	IEnumeration		LINKS_1; LINKS_↩2; LINKS_4; LINKS_8	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Links Speed	Sets the link speed in Gbps for all active links of Manual Detection Device 2.	Manual↩ Detection↩ Device_2_↩ LinksSpeed	IEnumeration			
Links	.	Manual↩ Detection↩ Device_2_↩ Links	ICategory			

1.16.1 Device 2 Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
1 Link		LINKS_1	IEnumEntry			
2 Links		LINKS_2	IEnumEntry			
4 Links		LINKS_4	IEnumEntry			
8 Links		LINKS_8	IEnumEntry			
1.25 Gbps		SPEED_1_25G	IEnumEntry			
2.5 Gbps		SPEED_2_5G	IEnumEntry			
3.125 Gbps		SPEED_3_125G	IEnumEntry			
5 Gbps		SPEED_5G	IEnumEntry			
6.25 Gbps		SPEED_6_25G	IEnumEntry			
10 Gbps		SPEED_10G	IEnumEntry			
12 Gbps		SPEED_12G	IEnumEntry			

1.17 Links

Links:

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 0 Available	Read-only flag derived from "Links Count". True if Link 0 is within the active link range.	Manual↩ Detection↩ Device_2_↩ Link_0_Is↩ Available	IBoolean			
Link 0	Maps camera Link 0 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_2_↩ Link_0	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 1 Available	Read-only flag derived from "Links Count". True if Link 1 is within the active link range.	Manual↩ Detection↩ Device_2_↩ Link_1_Is↩ Available	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 1	Maps camera Link 1 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_2_↩ Link_1	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 2 Available	Read-only flag derived from "Links Count". True if Link 2 is within the active link range.	Manual↩ Detection↩ Device_2_↩ Link_2_Is↩ Available	IBoolean			
Link 2	Maps camera Link 2 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_2_↩ Link_2	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 3 Available	Read-only flag derived from "Links Count". True if Link 3 is within the active link range.	Manual↩ Detection↩ Device_2_↩ Link_3_Is↩ Available	IBoolean			
Link 3	Maps camera Link 3 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_2_↩ Link_3	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 4 Available	Read-only flag derived from "Links Count". True if Link 4 is within the active link range.	Manual↩ Detection↩ Device_2_↩ Link_4_Is↩ Available	IBoolean			
Link 4	Maps camera Link 4 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_2_↩ Link_4	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 5 Available	Read-only flag derived from "Links Count". True if Link 5 is within the active link range.	Manual↩ Detection↩ Device_2_↩ Link_5_Is↩ Available	IBoolean			
Link 5	Maps camera Link 5 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_2_↩ Link_5	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 6 Available	Read-only flag derived from "Links Count". True if Link 6 is within the active link range.	Manual↩ Detection↩ Device_2_↩ Link_6_Is↩ Available	IBoolean			
Link 6	Maps camera Link 6 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_2_↩ Link_6	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 7 Available	Read-only flag derived from "Links Count". True if Link 7 is within the active link range.	Manual↩ Detection↩ Device_2_↩ Link_7_Is↩ Available	IBoolean			
Link 7	Maps camera Link 7 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_2_↩ Link_7	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	

1.17.1 Links Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			

1.18 Device 3

Device 3:

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Links Count	Select how many camera links are active for Manual Detection Device 3.	Manual↩ Detection↩ Device_3_↩ LinksCount	IEnumeration		LINKS_1; LINKS_↩ 2; LINKS_4; LINKS_8	
Links Speed	Sets the link speed in Gbps for all active links of Manual Detection Device 3.	Manual↩ Detection↩ Device_3_↩ LinksSpeed	IEnumeration			
Links	.	Manual↩ Detection↩ Device_3_↩ Links	ICategory			

1.18.1 Device 3 Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
1 Link		LINKS_1	IEnumEntry			
2 Links		LINKS_2	IEnumEntry			
4 Links		LINKS_4	IEnumEntry			
8 Links		LINKS_8	IEnumEntry			
1.25 Gbps		SPEED_1_25G	IEnumEntry			
2.5 Gbps		SPEED_2_5G	IEnumEntry			
3.125 Gbps		SPEED_3_125G	IEnumEntry			
5 Gbps		SPEED_5G	IEnumEntry			
6.25 Gbps		SPEED_6_25G	IEnumEntry			
10 Gbps		SPEED_10G	IEnumEntry			
12 Gbps		SPEED_12G	IEnumEntry			

1.19 Links

Links:

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 0 Available	Read-only flag derived from "Links Count". True if Link 0 is within the active link range.	Manual↩ Detection↩ Device_3_↩ Link_0_Is↩ Available	IBoolean			
Link 0	Maps camera Link 0 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_3_↩ Link_0	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 1 Available	Read-only flag derived from "Links Count". True if Link 1 is within the active link range.	Manual↩ Detection↩ Device_3_↩ Link_1_Is↩ Available	IBoolean			
Link 1	Maps camera Link 1 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_3_↩ Link_1	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 2 Available	Read-only flag derived from "Links Count". True if Link 2 is within the active link range.	Manual↩ Detection↩ Device_3_↩ Link_2_Is↩ Available	IBoolean			
Link 2	Maps camera Link 2 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_3_↩ Link_2	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 3 Available	Read-only flag derived from "Links Count". True if Link 3 is within the active link range.	Manual↩ Detection↩ Device_3_↩ Link_3_Is↩ Available	IBoolean			
Link 3	Maps camera Link 3 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_3_↩ Link_3	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 4 Available	Read-only flag derived from "Links Count". True if Link 4 is within the active link range.	Manual↩ Detection↩ Device_3_↩ Link_4_Is↩ Available	IBoolean			
Link 4	Maps camera Link 4 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_3_↩ Link_4	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 5 Available	Read-only flag derived from "Links Count". True if Link 5 is within the active link range.	Manual↩ Detection↩ Device_3_↩ Link_5_Is↩ Available	IBoolean			
Link 5	Maps camera Link 5 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_3_↩ Link_5	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 6 Available	Read-only flag derived from "Links Count". True if Link 6 is within the active link range.	Manual↩ Detection↩ Device_3_↩ Link_6_Is↩ Available	IBoolean			
Link 6	Maps camera Link 6 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_3_↩ Link_6	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 7 Available	Read-only flag derived from "Links Count". True if Link 7 is within the active link range.	Manual↩ Detection↩ Device_3_↩ Link_7_Is↩ Available	IBoolean			
Link 7	Maps camera Link 7 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_3_↩ Link_7	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	

1.19.1 Links Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			

1.20 Device 4

Device 4:

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Links Count	Select how many camera links are active for Manual Detection Device 4.	Manual↩ Detection↩ Device_4_↩ LinksCount	IEnumeration		LINKS_1; LINKS_↩ 2; LINKS_4; LINKS_8	
Links Speed	Sets the link speed in Gbps for all active links of Manual Detection Device 4.	Manual↩ Detection↩ Device_4_↩ LinksSpeed	IEnumeration			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Links	.	Manual↩ Detection↩ Device_4_↩ Links	ICategory			

1.20.1 Device 4 Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
1 Link		LINKS_1	IEnumEntry			
2 Links		LINKS_2	IEnumEntry			
4 Links		LINKS_4	IEnumEntry			
8 Links		LINKS_8	IEnumEntry			
1.25 Gbps		SPEED_1_25G	IEnumEntry			
2.5 Gbps		SPEED_2_5G	IEnumEntry			
3.125 Gbps		SPEED_3_125G	IEnumEntry			
5 Gbps		SPEED_5G	IEnumEntry			
6.25 Gbps		SPEED_6_25G	IEnumEntry			
10 Gbps		SPEED_10G	IEnumEntry			
12 Gbps		SPEED_12G	IEnumEntry			

1.21 Links

Links:

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 0 Available	Read-only flag derived from "Links Count". True if Link 0 is within the active link range.	Manual↩ Detection↩ Device_4_↩ Link_0_Is↩ Available	IBoolean			
Link 0	Maps camera Link 0 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_4_↩ Link_0	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 1 Available	Read-only flag derived from "Links Count". True if Link 1 is within the active link range.	Manual↩ Detection↩ Device_4_↩ Link_1_Is↩ Available	IBoolean			
Link 1	Maps camera Link 1 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_4_↩ Link_1	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 2 Available	Read-only flag derived from "Links Count". True if Link 2 is within the active link range.	Manual↩ Detection↩ Device_4_↩ Link_2_Is↩ Available	IBoolean			
Link 2	Maps camera Link 2 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_4_↩ Link_2	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 3 Available	Read-only flag derived from "Links Count". True if Link 3 is within the active link range.	Manual↩ Detection↩ Device_4_↩ Link_3_Is↩ Available	IBoolean			
Link 3	Maps camera Link 3 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_4_↩ Link_3	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 4 Available	Read-only flag derived from "Links Count". True if Link 4 is within the active link range.	Manual↩ Detection↩ Device_4_↩ Link_4_Is↩ Available	IBoolean			
Link 4	Maps camera Link 4 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_4_↩ Link_4	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 5 Available	Read-only flag derived from "Links Count". True if Link 5 is within the active link range.	Manual↩ Detection↩ Device_4_↩ Link_5_Is↩ Available	IBoolean			
Link 5	Maps camera Link 5 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_4_↩ Link_5	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 6 Available	Read-only flag derived from "Links Count". True if Link 6 is within the active link range.	Manual↩ Detection↩ Device_4_↩ Link_6_Is↩ Available	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 6	Maps camera Link 6 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_4_↩ Link_6	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 7 Available	Read-only flag derived from "Links Count". True if Link 7 is within the active link range.	Manual↩ Detection↩ Device_4_↩ Link_7_Is↩ Available	IBoolean			
Link 7	Maps camera Link 7 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_4_↩ Link_7	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	

1.21.1 Links Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_← NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_← NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_← NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_← NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_← NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			

1.22 Device 5

Device 5:

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Links Count	Select how many camera links are active for Manual Detection Device 5.	Manual↩ Detection↩ Device_5_↩ LinksCount	IEnumeration		LINKS_1; LINKS_↩ 2; LINKS_4; LINKS_8	
Links Speed	Sets the link speed in Gbps for all active links of Manual Detection Device 5.	Manual↩ Detection↩ Device_5_↩ LinksSpeed	IEnumeration			
Links	.	Manual↩ Detection↩ Device_5_↩ Links	ICategory			

1.22.1 Device 5 Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
1 Link		LINKS_1	IEnumEntry			
2 Links		LINKS_2	IEnumEntry			
4 Links		LINKS_4	IEnumEntry			
8 Links		LINKS_8	IEnumEntry			
1.25 Gbps		SPEED_1_25G	IEnumEntry			
2.5 Gbps		SPEED_2_5G	IEnumEntry			
3.125 Gbps		SPEED_3_125G	IEnumEntry			
5 Gbps		SPEED_5G	IEnumEntry			
6.25 Gbps		SPEED_6_25G	IEnumEntry			
10 Gbps		SPEED_10G	IEnumEntry			
12 Gbps		SPEED_12G	IEnumEntry			

1.23 Links

Links:

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 0 Available	Read-only flag derived from "Links Count". True if Link 0 is within the active link range.	Manual↩ Detection↩ Device_5_↩ Link_0_Is↩ Available	IBoolean			
Link 0	Maps camera Link 0 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_5_↩ Link_0	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 1 Available	Read-only flag derived from "Links Count". True if Link 1 is within the active link range.	Manual↩ Detection↩ Device_5_↩ Link_1_Is↩ Available	IBoolean			
Link 1	Maps camera Link 1 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_5_↩ Link_1	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 2 Available	Read-only flag derived from "Links Count". True if Link 2 is within the active link range.	Manual↩ Detection↩ Device_5_↩ Link_2_Is↩ Available	IBoolean			
Link 2	Maps camera Link 2 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_5_↩ Link_2	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 3 Available	Read-only flag derived from "Links Count". True if Link 3 is within the active link range.	Manual↩ Detection↩ Device_5_↩ Link_3_Is↩ Available	IBoolean			
Link 3	Maps camera Link 3 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_5_↩ Link_3	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 4 Available	Read-only flag derived from "Links Count". True if Link 4 is within the active link range.	Manual↩ Detection↩ Device_5_↩ Link_4_Is↩ Available	IBoolean			
Link 4	Maps camera Link 4 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_5_↩ Link_4	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 5 Available	Read-only flag derived from "Links Count". True if Link 5 is within the active link range.	Manual↩ Detection↩ Device_5_↩ Link_5_Is↩ Available	IBoolean			
Link 5	Maps camera Link 5 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_5_↩ Link_5	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 6 Available	Read-only flag derived from "Links Count". True if Link 6 is within the active link range.	Manual↩ Detection↩ Device_5_↩ Link_6_Is↩ Available	IBoolean			
Link 6	Maps camera Link 6 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_5_↩ Link_6	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 7 Available	Read-only flag derived from "Links Count". True if Link 7 is within the active link range.	Manual↩ Detection↩ Device_5_↩ Link_7_Is↩ Available	IBoolean			
Link 7	Maps camera Link 7 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_5_↩ Link_7	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	

1.23.1 Links Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			

1.24 Device 6

Device 6:

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Links Count	Select how many camera links are active for Manual Detection Device 6.	Manual↩ Detection↩ Device_6_↩ LinksCount	IEnumeration		LINKS_1; LINKS_↩ 2; LINKS_4; LINKS_8	
Links Speed	Sets the link speed in Gbps for all active links of Manual Detection Device 6.	Manual↩ Detection↩ Device_6_↩ LinksSpeed	IEnumeration			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Links	.	Manual↩ Detection↩ Device_6_↩ Links	ICategory			

1.24.1 Device 6 Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
1 Link		LINKS_1	IEnumEntry			
2 Links		LINKS_2	IEnumEntry			
4 Links		LINKS_4	IEnumEntry			
8 Links		LINKS_8	IEnumEntry			
1.25 Gbps		SPEED_1_25G	IEnumEntry			
2.5 Gbps		SPEED_2_5G	IEnumEntry			
3.125 Gbps		SPEED_3_125G	IEnumEntry			
5 Gbps		SPEED_5G	IEnumEntry			
6.25 Gbps		SPEED_6_25G	IEnumEntry			
10 Gbps		SPEED_10G	IEnumEntry			
12 Gbps		SPEED_12G	IEnumEntry			

1.25 Links

Links:

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 0 Available	Read-only flag derived from "Links Count". True if Link 0 is within the active link range.	Manual↩ Detection↩ Device_6_↩ Link_0_Is↩ Available	IBoolean			
Link 0	Maps camera Link 0 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_6_↩ Link_0	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 1 Available	Read-only flag derived from "Links Count". True if Link 1 is within the active link range.	Manual↩ Detection↩ Device_6_↩ Link_1_Is↩ Available	IBoolean			
Link 1	Maps camera Link 1 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_6_↩ Link_1	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 2 Available	Read-only flag derived from "Links Count". True if Link 2 is within the active link range.	Manual↩ Detection↩ Device_6_↩ Link_2_Is↩ Available	IBoolean			
Link 2	Maps camera Link 2 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_6_↩ Link_2	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 3 Available	Read-only flag derived from "Links Count". True if Link 3 is within the active link range.	Manual↩ Detection↩ Device_6_↩ Link_3_Is↩ Available	IBoolean			
Link 3	Maps camera Link 3 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_6_↩ Link_3	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 4 Available	Read-only flag derived from "Links Count". True if Link 4 is within the active link range.	Manual↩ Detection↩ Device_6_↩ Link_4_Is↩ Available	IBoolean			
Link 4	Maps camera Link 4 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_6_↩ Link_4	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 5 Available	Read-only flag derived from "Links Count". True if Link 5 is within the active link range.	Manual↩ Detection↩ Device_6_↩ Link_5_Is↩ Available	IBoolean			
Link 5	Maps camera Link 5 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_6_↩ Link_5	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 6 Available	Read-only flag derived from "Links Count". True if Link 6 is within the active link range.	Manual↩ Detection↩ Device_6_↩ Link_6_Is↩ Available	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 6	Maps camera Link 6 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_6_↩ Link_6	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 7 Available	Read-only flag derived from "Links Count". True if Link 7 is within the active link range.	Manual↩ Detection↩ Device_6_↩ Link_7_Is↩ Available	IBoolean			
Link 7	Maps camera Link 7 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_6_↩ Link_7	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	

1.25.1 Links Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			

1.26 Device 7

Device 7:

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Links Count	Select how many camera links are active for Manual Detection Device 7.	ManualDetectionDevice_7_LinksCount	IEnumeration		LINKS_1; LINKS_2; LINKS_4; LINKS_8	
Links Speed	Sets the link speed in Gbps for all active links of Manual Detection Device 7.	ManualDetectionDevice_7_LinksSpeed	IEnumeration			
Links	.	ManualDetectionDevice_7_Links	ICategory			

1.26.1 Device 7 Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
1 Link		LINKS_1	IEnumEntry			
2 Links		LINKS_2	IEnumEntry			
4 Links		LINKS_4	IEnumEntry			
8 Links		LINKS_8	IEnumEntry			
1.25 Gbps		SPEED_1_25G	IEnumEntry			
2.5 Gbps		SPEED_2_5G	IEnumEntry			
3.125 Gbps		SPEED_3_125G	IEnumEntry			
5 Gbps		SPEED_5G	IEnumEntry			
6.25 Gbps		SPEED_6_25G	IEnumEntry			
10 Gbps		SPEED_10G	IEnumEntry			
12 Gbps		SPEED_12G	IEnumEntry			

1.27 Links

Links:

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 0 Available	Read-only flag derived from "Links Count". True if Link 0 is within the active link range.	Manual↩ Detection↩ Device_7_↩ Link_0_Is↩ Available	IBoolean			
Link 0	Maps camera Link 0 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_7_↩ Link_0	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 1 Available	Read-only flag derived from "Links Count". True if Link 1 is within the active link range.	Manual↩ Detection↩ Device_7_↩ Link_1_Is↩ Available	IBoolean			
Link 1	Maps camera Link 1 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_7_↩ Link_1	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 2 Available	Read-only flag derived from "Links Count". True if Link 2 is within the active link range.	Manual↩ Detection↩ Device_7_↩ Link_2_Is↩ Available	IBoolean			
Link 2	Maps camera Link 2 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_7_↩ Link_2	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 3 Available	Read-only flag derived from "Links Count". True if Link 3 is within the active link range.	Manual↩ Detection↩ Device_7_↩ Link_3_Is↩ Available	IBoolean			
Link 3	Maps camera Link 3 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_7_↩ Link_3	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Link 4 Available	Read-only flag derived from "Links Count". True if Link 4 is within the active link range.	Manual↩ Detection↩ Device_7_↩ Link_4_Is↩ Available	IBoolean			
Link 4	Maps camera Link 4 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_7_↩ Link_4	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 5 Available	Read-only flag derived from "Links Count". True if Link 5 is within the active link range.	Manual↩ Detection↩ Device_7_↩ Link_5_Is↩ Available	IBoolean			
Link 5	Maps camera Link 5 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_7_↩ Link_5	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 6 Available	Read-only flag derived from "Links Count". True if Link 6 is within the active link range.	Manual↩ Detection↩ Device_7_↩ Link_6_Is↩ Available	IBoolean			
Link 6	Maps camera Link 6 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_7_↩ Link_6	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	
Link 7 Available	Read-only flag derived from "Links Count". True if Link 7 is within the active link range.	Manual↩ Detection↩ Device_7_↩ Link_7_Is↩ Available	IBoolean			
Link 7	Maps camera Link 7 to a specific host link, or leaves it unassigned.	Manual↩ Detection↩ Device_7_↩ Link_7	IEnumeration		HOST_↩ LINK_NOT_↩ ASSIGNED	

1.27.1 Links Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			
Not assigned		HOST_LINK_↩ NOT_ASSIGNED	IEnumEntry			
Host link 0		HOST_LINK_0	IEnumEntry			
Host link 1		HOST_LINK_1	IEnumEntry			
Host link 2		HOST_LINK_2	IEnumEntry			
Host link 3		HOST_LINK_3	IEnumEntry			
Host link 4		HOST_LINK_4	IEnumEntry			
Host link 5		HOST_LINK_5	IEnumEntry			
Host link 6		HOST_LINK_6	IEnumEntry			
Host link 7		HOST_LINK_7	IEnumEntry			

1.28 PoCXP Control

PoCXP Control: Category for PoCXP control.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
PoCXPAuto available	Indicates whether Po↩ CXP can be controlled automatically.	PoCXPAuto↩ Available	IEnumeration		PoCXPAuto↩ AvailableOff; PoCXPAutOn	
PoCXP Auto monitoring active	Activates / deactivates automatic PoCXP moni- tor.	PoCXPAuto↩ Active	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
PoCXP Manual Control Enabled	Is PoCXP Manual Control Enabled	PoCXPManualControlEnabled	IBoolean			
PoCXP Manual Control Disabled	Is PoCXP Manual Control Disabled	PoCXPManualControlDisabled	IBoolean			
PoCXP 0 control	Frame grabber PoCXP channel 0 control.	PoCXP0	IEnumeration		PoCXPOff; PoCXPOn	
PoCXP 1 control	Frame grabber PoCXP channel 1 control.	PoCXP1	IEnumeration		PoCXPOff; PoCXPOn	
PoCXP 2 control	Frame grabber PoCXP channel 2 control.	PoCXP2	IEnumeration		PoCXPOff; PoCXPOn	
PoCXP 3 control	Frame grabber PoCXP channel 3 control.	PoCXP3	IEnumeration		PoCXPOff; PoCXPOn	
PoCXP 4 control	Frame grabber PoCXP channel 4 control.	PoCXP4	IEnumeration		PoCXPOff; PoCXPOn	
PoCXP 5 control	Frame grabber PoCXP channel 5 control.	PoCXP5	IEnumeration		PoCXPOff; PoCXPOn	
PoCXP 6 control	Frame grabber PoCXP channel 6 control.	PoCXP6	IEnumeration		PoCXPOff; PoCXPOn	
PoCXP 7 control	Frame grabber PoCXP channel 7 control.	PoCXP7	IEnumeration		PoCXPOff; PoCXPOn	
PoCxp Host Connection Selector	PoCXP connection selector.	CxpPoCxpHostConnectionSelector	IEnumeration		All	
PoCxp Auto	Activate automatic control of the Power over CoaXPress (PoCXP) for the Link.	CxpPoCxpAuto	ICommand			
PoCxp Turn Off	Disable Power over CoaXPress (PoCXP) for the Link.	CxpPoCxpTurnOff	ICommand			
PoCxp Status	Returns the Power over CoaXPress (PoCXP) status of the Device link.	CxpPoCxpStatus	IEnumeration		Mixed; Auto; Off; Tripped	
PoCXP Voltage and Current	PoCXP Voltage and Current	PoCXPVoltageAndCurrent	ICategory			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks

1.28.1 PoCXP Control Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
No		PoCXPAuto←AvailableOff	IEnumEntry			
Yes		PoCXPAutOn	IEnumEntry			
Off		PoCXPOff	IEnumEntry			
On		PoCXPOn	IEnumEntry			
Off		PoCXPOff	IEnumEntry			
On		PoCXPOn	IEnumEntry			
Off		PoCXPOff	IEnumEntry			
On		PoCXPOn	IEnumEntry			
Off		PoCXPOff	IEnumEntry			
On		PoCXPOn	IEnumEntry			
Off		PoCXPOff	IEnumEntry			
On		PoCXPOn	IEnumEntry			
Off		PoCXPOff	IEnumEntry			
On		PoCXPOn	IEnumEntry			
Off		PoCXPOff	IEnumEntry			
On		PoCXPOn	IEnumEntry			
Off		PoCXPOff	IEnumEntry			
On		PoCXPOn	IEnumEntry			
All CoaXPress physical host connections	All CoaXPress physical host connections.	All	IEnumEntry			
CoaXPress physical host connection 0	CoaXPress physical host connection 0.	Link0	IEnumEntry			
CoaXPress physical host connection 1	CoaXPress physical host connection 1.	Link1	IEnumEntry			
CoaXPress physical host connection 2	CoaXPress physical host connection 2.	Link2	IEnumEntry			
CoaXPress physical host connection 3	CoaXPress physical host connection 3.	Link3	IEnumEntry			
CoaXPress physical host connection 4	CoaXPress physical host connection 4.	Link4	IEnumEntry			
CoaXPress physical host connection 5	CoaXPress physical host connection 5.	Link5	IEnumEntry			
CoaXPress physical host connection 6	CoaXPress physical host connection 6.	Link6	IEnumEntry			
CoaXPress physical host connection 7	CoaXPress physical host connection 7.	Link7	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Mixed statuses		Mixed	IEnumEntry			
Automatically managed		Auto	IEnumEntry			
Forced Off		Off	IEnumEntry			
Tripped		Tripped	IEnumEntry			

1.29 PoCXP Voltage and Current

PoCXP Voltage and Current: PoCXP Voltage and Current

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
PoCXP Voltage 0	.	PoCXP_↩ ADCVoltage↩ Readout0	IFloat			
PoCXP Current 0	.	PoCXP_↩ ADCCurrent↩ Readout0	IFloat			
PoCXP Voltage 1	.	PoCXP_↩ ADCVoltage↩ Readout1	IFloat			
PoCXP Current 1	.	PoCXP_↩ ADCCurrent↩ Readout1	IFloat			
PoCXP Voltage 2	.	PoCXP_↩ ADCVoltage↩ Readout2	IFloat			
PoCXP Current 2	.	PoCXP_↩ ADCCurrent↩ Readout2	IFloat			
PoCXP Voltage 3	.	PoCXP_↩ ADCVoltage↩ Readout3	IFloat			
PoCXP Current 3	.	PoCXP_↩ ADCCurrent↩ Readout3	IFloat			
PoCXP Voltage 4	.	PoCXP_↩ ADCVoltage↩ Readout4	IFloat			
PoCXP Current 4	.	PoCXP_↩ ADCCurrent↩ Readout4	IFloat			
PoCXP Voltage 5	.	PoCXP_↩ ADCVoltage↩ Readout5	IFloat			
PoCXP Current 5	.	PoCXP_↩ ADCCurrent↩ Readout5	IFloat			
PoCXP Voltage 6	.	PoCXP_↩ ADCVoltage↩ Readout6	IFloat			
PoCXP Current 6	.	PoCXP_↩ ADCCurrent↩ Readout6	IFloat			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
PoCXP Voltage 7	.	PoCXP_↩ ADCVoltage↩ Readout7	IFloat			
PoCXP Current 7	.	PoCXP_↩ ADCCurrent↩ Readout7	IFloat			

1.30 Pulse Message Control

Pulse Message Control: The Pulse Message Control lists all features that relates to pulse message format and generation method.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Pulse Message Mode	Pulse Message operation mode	Pulse↩ MessageMode	IEnumeration		Basic; Advanced	
Pulse Message Selector	Selects the trigger to configure.	Pulse↩ Message↩ Selector	IEnumeration			
Pulse Message Enable	Controls if the selected trigger is active.	Pulse↩ Message↩ Enable	IEnumeration		Off; On	
Pulse Message Activation	Specifies the activation mode of the trigger.	Pulse↩ Message↩ Activation	IEnumeration		RisingEdge; FallingEdge; AnyEdge; RisingEdge↩ Inv; Falling↩ EdgeInv; AnyEdgeInv	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Pulse Message Source	Specifies the internal signal or physical input Line to use as the camera trigger source. The selected camera trigger must have its Pulse↩ Message↩ Enable set to On.	Pulse↩ Message↩ Source	IEnumeration		KY_↩ DISABLED; KY_OPTO_↩ IN_0; KY_↩ OPTO_IN_1; KY_OPTO_↩ IN_2; KY_↩ OPTO_IN_3; KY_OPTO_↩ IN_4; KY_↩ OPTO_IN_5; KY_OPTO_↩ IN_6; KY_↩ OPTO_IN_7; KY_LVDS_↩ IN_0; KY_↩ LVDS_IN_1; KY_LVDS_↩ IN_2; KY_↩ LVDS_IN_3; KY_TTL_0; KY_TTL_1; KY_TTL_2; KY_TTL_3; KY_TTL_4; KY_TTL_5; KY_TTL_6; KY_TTL_7; KY_LVTTL_0; KY_LVTTL_1; KY_LVTTL_2; KY_LVTTL_3; KY_LVTTL_4; KY_LVTTL_5; KY_LVTTL_6; KY_LVTTL↩ _7; KY_↩ SOFTWARE; KY_↩ ENCODER↩ _0; KY_↩ ENCODER↩ _1; KY_↩ ENCODER↩ _2; KY_↩ ENCODER_3; KY_TIMER↩ _ACTIVE_0; KY_TIMER↩ _ACTIVE_1; KY_TIMER↩ _ACTIVE_2; KY_TIMER↩ _ACTIVE_3; KY_TIMER↩ _ACTIVE_4; KY_TIMER↩ _ACTIVE_5;	
					KY_TIMER↩ _ACTIVE_6; KY_TIMER_↩ ACTIVE_7	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Pulse Message Delay	Specifies the delay in microseconds(us) to apply after the PulseMessage trigger reception before activating it.	Pulse↩ MessageDelay	IFloat			
Pulse Message Filter	Filter for PulseMessage trigger, helps prevent signal de-bouncing. 8ns resolution, units in microseconds(us).	Pulse↩ MessageFilter	IFloat			
Pulse Message Software	Generates an internal camera trigger. Pulse↩ Message↩ Source must be set to Software.	Pulse↩ Message↩ Software	ICommand			
Pulse Message Link Mask Enable	Physical link mask target of Pulse Message generation.	Pulse↩ Message↩ LinkMask↩ Enable	IInteger			
Pulse Message Pulse Mode	Selects Pulse Mode of generated Pulse Message.	Pulse↩ Message↩ PulseMode	IEnumeration		Mode1; Mode2; Mode3; Mode4; Mode5; Mode6; Mode7	
Pulse Message Color	Pulse message color select definition.	Pulse↩ MessageColor	IEnumeration		All; Red; Green; Blue	
Pulse Message Pulse Effect	Pulse Message effect intended for synchronous frame by frame control of camera features.	Pulse↩ Message↩ PulseEffect	IInteger			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Pulse Message Synchronization Request	Request for reset to an initial frame or line count and agree on the identification of the image data for parallel processing applications.	Pulse↩ Message↩ SyncRequest	IBoolean			
Pulse Message Frame Period	Pulse Message frame period down counter definition.	Pulse↩ Message↩ FramePeriod	IInteger			
Pulse Message Integration Start Red	Pulse Message Red channel integration period down counter definition.	Pulse↩ Message↩ Integration↩ StartRed	IInteger			
Pulse Message Integration Start Green	Pulse Message Green channel integration period down counter definition.	Pulse↩ Message↩ Integration↩ StartGreen	IInteger			
Pulse Message Integration Start Blue	Pulse Message Blue channel integration period down counter definition.	Pulse↩ Message↩ Integration↩ StartBlue	IInteger			
Pulse↩ Message↩ Control_Imp access check implementation	Pulse↩ Message↩ Control_Imp access check implementation	Pulse↩ Message↩ Control_Imp	IBoolean			
Pulse↩ Message↩ Selector↩ _Pulse↩ Message0↩ _Imp access check implementation	Pulse↩ Message↩ Selector↩ _Pulse↩ Message0↩ _Imp access check implementation	Pulse↩ Message↩ Selector↩ _Pulse↩ Message0_↩ Imp	IBoolean			
Pulse↩ Message↩ Selector↩ _Pulse↩ Message1↩ _Imp access check implementation	Pulse↩ Message↩ Selector↩ _Pulse↩ Message1↩ _Imp access check implementation	Pulse↩ Message↩ Selector↩ _Pulse↩ Message1_↩ Imp	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Pulse↩ Message↩ Selector↩ _Pulse↩ Message2↩ _Imp access check implementation	Pulse↩ Message↩ Selector↩ _Pulse↩ Message2↩ _Imp access check implementation	Pulse↩ Message↩ Selector↩ _Pulse↩ Message2_↩ Imp	IBoolean			
Pulse↩ Message↩ Selector↩ _Pulse↩ Message3↩ _Imp access check implementation	Pulse↩ Message↩ Selector↩ _Pulse↩ Message3↩ _Imp access check implementation	Pulse↩ Message↩ Selector↩ _Pulse↩ Message3_↩ Imp	IBoolean			
Pulse↩ Message↩ Selector↩ _Pulse↩ Message4↩ _Imp access check implementation	Pulse↩ Message↩ Selector↩ _Pulse↩ Message4↩ _Imp access check implementation	Pulse↩ Message↩ Selector↩ _Pulse↩ Message4_↩ Imp	IBoolean			
Pulse↩ Message↩ Selector↩ _Pulse↩ Message5↩ _Imp access check implementation	Pulse↩ Message↩ Selector↩ _Pulse↩ Message5↩ _Imp access check implementation	Pulse↩ Message↩ Selector↩ _Pulse↩ Message5_↩ Imp	IBoolean			
Pulse↩ Message↩ Selector↩ _Pulse↩ Message6↩ _Imp access check implementation	Pulse↩ Message↩ Selector↩ _Pulse↩ Message6↩ _Imp access check implementation	Pulse↩ Message↩ Selector↩ _Pulse↩ Message6_↩ Imp	IBoolean			
Pulse↩ Message↩ Selector↩ _Pulse↩ Message7↩ _Imp access check implementation	Pulse↩ Message↩ Selector↩ _Pulse↩ Message7↩ _Imp access check implementation	Pulse↩ Message↩ Selector↩ _Pulse↩ Message7_↩ Imp	IBoolean			

1.30.1 Pulse Message Control Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Basic		Basic	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Advanced		Advanced	IEnumEntry			
PulseMessage 0		PulseMessage0	IEnumEntry			
PulseMessage 1		PulseMessage1	IEnumEntry			
PulseMessage 2		PulseMessage2	IEnumEntry			
PulseMessage 3		PulseMessage3	IEnumEntry			
PulseMessage 4		PulseMessage4	IEnumEntry			
PulseMessage 5		PulseMessage5	IEnumEntry			
PulseMessage 6		PulseMessage6	IEnumEntry			
PulseMessage 7		PulseMessage7	IEnumEntry			
Off		Off	IEnumEntry			
On		On	IEnumEntry			
Rising Edge		RisingEdge	IEnumEntry			
Falling Edge		FallingEdge	IEnumEntry			
Any Edge		AnyEdge	IEnumEntry			
Rising Edge Invert		RisingEdgeInv	IEnumEntry			
Falling Edge Invert		FallingEdgeInv	IEnumEntry			
Any Edge Invert		AnyEdgeInv	IEnumEntry			
Disabled		KY_DISABLED	IEnumEntry			
OptoCoupled Input 0		KY_OPTO_IN↩_0	IEnumEntry			
OptoCoupled Input 1		KY_OPTO_IN↩_1	IEnumEntry			
OptoCoupled Input 2		KY_OPTO_IN↩_2	IEnumEntry			
OptoCoupled Input 3		KY_OPTO_IN↩_3	IEnumEntry			
OptoCoupled Input 4		KY_OPTO_IN↩_4	IEnumEntry			
OptoCoupled Input 5		KY_OPTO_IN↩_5	IEnumEntry			
OptoCoupled Input 6		KY_OPTO_IN↩_6	IEnumEntry			
OptoCoupled Input 7		KY_OPTO_IN↩_7	IEnumEntry			
LVDS Input 0		KY_LVDS_IN↩_0	IEnumEntry			
LVDS Input 1		KY_LVDS_IN↩_1	IEnumEntry			
LVDS Input 2		KY_LVDS_IN↩_2	IEnumEntry			
LVDS Input 3		KY_LVDS_IN↩_3	IEnumEntry			
TTL 0		KY_TTL_0	IEnumEntry			
TTL 1		KY_TTL_1	IEnumEntry			
TTL 2		KY_TTL_2	IEnumEntry			
TTL 3		KY_TTL_3	IEnumEntry			
TTL 4		KY_TTL_4	IEnumEntry			
TTL 5		KY_TTL_5	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
TTL 6		KY_TTL_6	IEnumEntry			
TTL 7		KY_TTL_7	IEnumEntry			
LVTTL 0		KY_LVTTL_0	IEnumEntry			
LVTTL 1		KY_LVTTL_1	IEnumEntry			
LVTTL 2		KY_LVTTL_2	IEnumEntry			
LVTTL 3		KY_LVTTL_3	IEnumEntry			
LVTTL 4		KY_LVTTL_4	IEnumEntry			
LVTTL 5		KY_LVTTL_5	IEnumEntry			
LVTTL 6		KY_LVTTL_6	IEnumEntry			
LVTTL 7		KY_LVTTL_7	IEnumEntry			
Software		KY_↩ SOFTWARE	IEnumEntry			
Encoder 0		KY_↩ ENCODER_0	IEnumEntry			
Encoder 1		KY_↩ ENCODER_1	IEnumEntry			
Encoder 2		KY_↩ ENCODER_2	IEnumEntry			
Encoder 3		KY_↩ ENCODER_3	IEnumEntry			
Timer 0 Active		KY_TIMER_↩ ACTIVE_0	IEnumEntry			
Timer 1 Active		KY_TIMER_↩ ACTIVE_1	IEnumEntry			
Timer 2 Active		KY_TIMER_↩ ACTIVE_2	IEnumEntry			
Timer 3 Active		KY_TIMER_↩ ACTIVE_3	IEnumEntry			
Timer 4 Active		KY_TIMER_↩ ACTIVE_4	IEnumEntry			
Timer 5 Active		KY_TIMER_↩ ACTIVE_5	IEnumEntry			
Timer 6 Active		KY_TIMER_↩ ACTIVE_6	IEnumEntry			
Timer 7 Active		KY_TIMER_↩ ACTIVE_7	IEnumEntry			
Mode 1		Mode1	IEnumEntry			
Mode 2		Mode2	IEnumEntry			
Mode 3		Mode3	IEnumEntry			
Mode 4		Mode4	IEnumEntry			
Mode 5		Mode5	IEnumEntry			
Mode 6		Mode6	IEnumEntry			
Mode 7		Mode7	IEnumEntry			
All		All	IEnumEntry			
Red		Red	IEnumEntry			
Green		Green	IEnumEntry			
Blue		Blue	IEnumEntry			

1.31 System Monitor Control

System Monitor Control: Category for device system features monitor.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Connection Channel Selector	Selects the connection channel to control.	Connection↩ Channel↩ Selector	IInteger			
Connection↩ Speed	Connection speed change.	Connection↩ Speed	IEnumeration			
Connection↩ Revision↩ Packets_Imp access check implementation	Connection↩ Revision↩ Packets_Imp access check implementation	Connection↩ Revision↩ Packets_Imp	IBoolean			
Revision Packets	Number of Revision packets.	Connection↩ Revision↩ Packets	IInteger			
Connection↩ Command↩ Packets_Imp access check implementation	Connection↩ Command↩ Packets_Imp access check implementation	Connection↩ Command↩ Packets_Imp	IBoolean			
Command Packets	Number of Command packets.	Connection↩ Command↩ Packets	IInteger			
Connection↩ FECRxPackets access check implementation	Connection↩ FECRxPackets access check implementation	Connection↩ FECRx↩ Packets_Imp	IBoolean			
Connection↩ FECCorrected↩ Packets_Imp access check implementation	Connection↩ FECCorrected↩ Packets_Imp access check implementation	Connection↩ FECCorrected↩ Packets_Imp	IBoolean			
Connection↩ FECCorrupted↩ Packets_Imp access check implementation	Connection↩ FECCorrupted↩ Packets_Imp access check implementation	Connection↩ FECCorrupted↩ Packets_Imp	IBoolean			
FEC Received Packets	Received packets by FEC.	Connection↩ FECRxPackets	IInteger			
FEC Corrected Packets	Number of corrected packets by FEC.	Connection↩ FECCorrected↩ Packets	IInteger			
FEC Corrupted Packets	Number of uncorrectable packets.	Connection↩ FECCorrupted↩ Packets	IInteger			
XGMIITest↩ Mode_Imp access check implementation	XGMIITest↩ Mode_Imp access check implementation	XGMIITest↩ Mode_Imp	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
PCS Test Mode	PCS Test Mode.	PCS_Test↩ Mode	IEnumeration		PCSTEST↩ _NORMAL; PCSTEST↩ _PRBS7; PCSTEST↩ _PRBS9; PCSTEST↩ _PRBS15; PCSTEST↩ _PRBS23; PCSTEST↩ _PRBS31; PCSTEST_↩ HIGHFREQDATA; PCSTEST_↩ LOWFREQDATA	
XGMII Test Mode	XGMII Test Mode.	XGMII_Test↩ Mode	IEnumeration		XGMIITEST↩ _NORMAL; XGMIITEST↩ _LOOPBACK; XGMIITEST↩ _↩ PATTERNGENERATOR	
XGMII Tester TX Packets	XGMII tester transmitted packets.	XGMIITester↩ _TXPackets	IInteger			
XGMII Tester RX Packets	XGMII tester received packets.	XGMIITester↩ _RXPackets	IInteger			
XGMII Tester Error Packets	XGMII tester error packets.	XGMIITester↩ _ErrorPackets	IInteger			
Connection↩ Statistics↩ Reset_Imp access check implementation	Connection↩ Statistics↩ Reset_Imp access check implementation	Connection↩ Statistics↩ Reset_Imp	IBoolean			
Connection Counters Reset	Reset all connection counters.	Connection↩ StatisticsReset	ICommand			
Stream Channel Selector	Selects the stream channel to control.	Stream↩ Channel↩ Selector	IInteger			
Statistics Counters Reset	Reset all stream statistics counters.	Stream↩ StatisticsReset	ICommand			
Stream↩ CRCError↩ Counter_Imp access check implementation	Stream↩ CRCError↩ Counter_Imp access check implementation	Stream↩ CRCError↩ Counter_Imp	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
CRC Error Counter	Camera CRC Error Counter. Number of CRC errors generated from corrupted data packets.	Stream↩ CRCError↩ Counter	IInteger			
StreamRx↩ Packets_Imp access check implementation	StreamRx↩ Packets_Imp access check implementation	StreamRx↩ Packets_Imp	IBoolean			
RX Packet Counter	Stream RX Packet Counter. Total number of packets received from the camera.	StreamRx↩ Packets	IInteger			
StreamDrop↩ Packets_Imp access check implementation	StreamDrop↩ Packets_Imp access check implementation	StreamDrop↩ Packets_Imp	IBoolean			
Drop Packet Counter	Camera Drop Packet Counter. Number of packets dropped due to corruption.	StreamDrop↩ Packets	IInteger			
StreamRx↩ Frames_Imp access check implementation	StreamRx↩ Frames_Imp access check implementation	StreamRx↩ Frames_Imp	IBoolean			
RX Frame Counter	RX Frame Counter. Number of received frames from camera.	StreamRx↩ Frames	IInteger			
StreamDrop↩ Frames_Imp access check implementation	StreamDrop↩ Frames_Imp access check implementation	StreamDrop↩ Frames_Imp	IBoolean			
Drop Frame Counter	Camera Drop Frame Counter. Number of frames dropped due to corruption.	StreamDrop↩ Frames	IInteger			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
StreamDrop↩ StreamId↩ Counter_Imp access check implementation	StreamDrop↩ StreamId↩ Counter_Imp access check implementation	StreamDrop↩ StreamId↩ Counter_Imp	IBoolean			
Drop Stream↩ Id Counter	Camera Drop Stream Id Counter. Number of frames dropped due to StreamId corruption.	StreamDrop↩ StreamId↩ Counter	IInteger			
Stream↩ RXLine↩ Counter_Imp access check implementation	Stream↩ RXLine↩ Counter_Imp access check implementation	Stream↩ RXLine↩ Counter_Imp	IBoolean			
RX Line Counter	RX Line Counter	Stream↩ RXLine↩ Counter	IInteger			
Stream↩ RXIHCounter↩ _Imp access check implementation	Stream↩ RXIHCounter↩ _Imp access check implementation	Stream↩ RXIHCounter↩ _Imp	IBoolean			
RX IH Counter	RX Image Header Counter	Stream↩ RXIHCounter	IInteger			
StreamDrop↩ IHCounter↩ _Imp access check implementation	StreamDrop↩ IHCounter↩ _Imp access check implementation	StreamDrop↩ IHCounter_↩ Imp	IBoolean			
Drop IH Counter	Drop Image Header Counter	StreamDrop↩ IHCounter	IInteger			

1.31.1 System Monitor Control Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Connection Speed 1.25 Gbps		Connection↩ SpeedCXP1	IEnumEntry			
Connection Speed 2.5 Gbps		Connection↩ SpeedCXP2	IEnumEntry			
Connection Speed 3.125 Gbps		Connection↩ SpeedCXP3	IEnumEntry			
Connection Speed 5 Gbps		Connection↩ SpeedCXP5	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Connection Speed 6.25 Gbps		Connection↩ SpeedCXP6	IEnumEntry			
Connection Speed 10 Gbps		Connection↩ SpeedCXP10	IEnumEntry			
Connection Speed 12 Gbps		Connection↩ SpeedCXP12	IEnumEntry			
Connection speed 10.↩ 3125Gbps		Connection↩ SpeedCLHS10	IEnumEntry			
Connection speed 12.5Gbps		Connection↩ SpeedCLHS12	IEnumEntry			
Connection speed 13.75↩ Gbps		Connection↩ SpeedCLHS14	IEnumEntry			
Connection speed 15.↩ 93755Gbps		Connection↩ SpeedCLHS16	IEnumEntry			
Normal operation		PCSTEST_↩ NORMAL	IEnumEntry			
PRBS7(x^7+x^6+1)		PCSTEST_↩ PRBS7	IEnumEntry			
PRBS9(x^9+x^5+1)		PCSTEST_↩ PRBS9	IEnumEntry			
PRBS15(x^15+x^14+1)		PCSTEST_↩ PRBS15	IEnumEntry			
PRBS23(x^23+x^18+1)		PCSTEST_↩ PRBS23	IEnumEntry			
PRBS31(x^31+x^28+1)		PCSTEST_↩ PRBS31	IEnumEntry			
High frequency data		PCSTEST_↩ HIGHFREQDATA	IEnumEntry			
Low frequency data		PCSTEST_↩ LOWFREQDATA	IEnumEntry			
Normal operation		XGMIITEST_↩ NORMAL	IEnumEntry			
XGMII Loopback		XGMIITEST_↩ LOOPBACK	IEnumEntry			
XGMII Pattern Generator/↩ Checker		XGMIITEST_↩ PATTERNGENERATOR	IEnumEntry			

1.32 Timer Control

Timer Control: The timer control lists all features that relates to control and monitoring of timers.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Timer Selector	Selects the trigger to configure.	TimerSelector	IEnumeration			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Timer Delay	Sets the duration in microseconds(us) of the delay to apply at the reception of a trigger before starting the Timer.	TimerDelay	IFloat			
Timer Duration	Sets the duration in microseconds(us) of the Timer pulse.	TimerDuration	IFloat			
Timer Activation	Specifies the activation mode of the trigger.	Timer↩ Activation	IEnumeration		RisingEdge; FallingEdge; AnyEdge; LevelHigh; LevelLow	
Timer Output Inverter	Controls the inversion of the timer output signal.	TimerOutput↩ Inverter	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Timer Trigger Source	Selects the source of the trigger to start the Timer.	TimerTrigger↩ Source	IEnumeration		KY_↩ DISABLED; KY_OPTO_↩ IN_0; KY_↩ OPTO_IN_1; KY_OPTO_↩ IN_2; KY_↩ OPTO_IN_3; KY_OPTO_↩ IN_4; KY_↩ OPTO_IN_5; KY_OPTO_↩ IN_6; KY_↩ OPTO_IN_7; KY_LVDS_↩ IN_0; KY_↩ LVDS_IN_1; KY_LVDS_↩ IN_2; KY_↩ LVDS_IN_3; KY_TTL_0; KY_TTL_1; KY_TTL_2; KY_TTL_3; KY_TTL_4; KY_TTL_5; KY_TTL_6; KY_TTL_7; KY_LVTTL_0; KY_LVTTL_1; KY_LVTTL_2; KY_LVTTL_3; KY_LVTTL_4; KY_LVTTL_5; KY_LVTTL_6; KY_LVTTL↩ _7; KY_↩ CONTINUOUS; KY_↩ SOFTWARE; KY_↩ ENCODER↩ _0; KY_↩ ENCODER↩ _1; KY_↩ ENCODER↩ _2; KY_↩ ENCODER_3; KY_TIMER↩ _ACTIVE_0; KY_TIMER↩ _ACTIVE_1; KY_TIMER↩ _ACTIVE_2; KY_TIMER↩ _ACTIVE_3; KY_TIMER↩ _ACTIVE_4;	
					KY_TIMER↩ _ACTIVE_5; KY_TIMER↩ _ACTIVE_6;	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Timer Trigger Software	Generates an internal trigger. Timer trigger source must be set to Software.	TimerTrigger↩ Software	ICommand			
Timer Reset	Does a software reset of the selected timer and starts it. The timer starts immediately after the reset unless a timer trigger is active.	TimerReset	ICommand			
Timer Event Mode	Selects the activation mode of the trigger.	TimerEvent↩ Mode	IEnumeration		Disabled; RisingEdge; FallingEdge; AnyEdge	
Timer↩ Control_Imp access check implementation	Timer↩ Control_Imp access check implementation	Timer↩ Control_Imp	IBoolean			
Timer↩ Selector↩ _Timer0_Imp access check implementation	Timer↩ Selector↩ _Timer0_Imp access check implementation	Timer↩ Selector↩ _Timer0_Imp	IBoolean			
Timer↩ Selector↩ _Timer1_Imp access check implementation	Timer↩ Selector↩ _Timer1_Imp access check implementation	Timer↩ Selector↩ _Timer1_Imp	IBoolean			
Timer↩ Selector↩ _Timer2_Imp access check implementation	Timer↩ Selector↩ _Timer2_Imp access check implementation	Timer↩ Selector↩ _Timer2_Imp	IBoolean			
Timer↩ Selector↩ _Timer3_Imp access check implementation	Timer↩ Selector↩ _Timer3_Imp access check implementation	Timer↩ Selector↩ _Timer3_Imp	IBoolean			
Timer↩ Selector↩ _Timer4_Imp access check implementation	Timer↩ Selector↩ _Timer4_Imp access check implementation	Timer↩ Selector↩ _Timer4_Imp	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Timer↩ Selector↩ _Timer5_Imp access check implementation	Timer↩ Selector↩ _Timer5_Imp access check implementation	Timer↩ Selector↩ _Timer5_Imp	IBoolean			
Timer↩ Selector↩ _Timer6_Imp access check implementation	Timer↩ Selector↩ _Timer6_Imp access check implementation	Timer↩ Selector↩ _Timer6_Imp	IBoolean			
Timer↩ Selector↩ _Timer7_Imp access check implementation	Timer↩ Selector↩ _Timer7_Imp access check implementation	Timer↩ Selector↩ _Timer7_Imp	IBoolean			

1.32.1 Timer Control Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Timer 0		Timer0	IEnumEntry			
Timer 1		Timer1	IEnumEntry			
Timer 2		Timer2	IEnumEntry			
Timer 3		Timer3	IEnumEntry			
Timer 4		Timer4	IEnumEntry			
Timer 5		Timer5	IEnumEntry			
Timer 6		Timer6	IEnumEntry			
Timer 7		Timer7	IEnumEntry			
Rising Edge		RisingEdge	IEnumEntry			
Falling Edge		FallingEdge	IEnumEntry			
Any Edge		AnyEdge	IEnumEntry			
Level High		LevelHigh	IEnumEntry			
Level Low		LevelLow	IEnumEntry			
Disabled		KY_DISABLED	IEnumEntry			
OptoCoupled Input 0		KY_OPTO_IN↩ _0	IEnumEntry			
OptoCoupled Input 1		KY_OPTO_IN↩ _1	IEnumEntry			
OptoCoupled Input 2		KY_OPTO_IN↩ _2	IEnumEntry			
OptoCoupled Input 3		KY_OPTO_IN↩ _3	IEnumEntry			
OptoCoupled Input 4		KY_OPTO_IN↩ _4	IEnumEntry			
OptoCoupled Input 5		KY_OPTO_IN↩ _5	IEnumEntry			
OptoCoupled Input 6		KY_OPTO_IN↩ _6	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
OptoCoupled Input 7		KY_OPTO_IN↩ _7	IEnumEntry			
LVDS Input 0		KY_LVDS_IN↩ _0	IEnumEntry			
LVDS Input 1		KY_LVDS_IN↩ _1	IEnumEntry			
LVDS Input 2		KY_LVDS_IN↩ _2	IEnumEntry			
LVDS Input 3		KY_LVDS_IN↩ _3	IEnumEntry			
TTL 0		KY_TTL_0	IEnumEntry			
TTL 1		KY_TTL_1	IEnumEntry			
TTL 2		KY_TTL_2	IEnumEntry			
TTL 3		KY_TTL_3	IEnumEntry			
TTL 4		KY_TTL_4	IEnumEntry			
TTL 5		KY_TTL_5	IEnumEntry			
TTL 6		KY_TTL_6	IEnumEntry			
TTL 7		KY_TTL_7	IEnumEntry			
LVTTL 0		KY_LVTTL_0	IEnumEntry			
LVTTL 1		KY_LVTTL_1	IEnumEntry			
LVTTL 2		KY_LVTTL_2	IEnumEntry			
LVTTL 3		KY_LVTTL_3	IEnumEntry			
LVTTL 4		KY_LVTTL_4	IEnumEntry			
LVTTL 5		KY_LVTTL_5	IEnumEntry			
LVTTL 6		KY_LVTTL_6	IEnumEntry			
LVTTL 7		KY_LVTTL_7	IEnumEntry			
Continuous		KY_↩ CONTINUOUS	IEnumEntry			
Software		KY_↩ SOFTWARE	IEnumEntry			
Encoder 0		KY_↩ ENCODER_0	IEnumEntry			
Encoder 1		KY_↩ ENCODER_1	IEnumEntry			
Encoder 2		KY_↩ ENCODER_2	IEnumEntry			
Encoder 3		KY_↩ ENCODER_3	IEnumEntry			
Timer 0 Active		KY_TIMER_↩ ACTIVE_0	IEnumEntry			
Timer 1 Active		KY_TIMER_↩ ACTIVE_1	IEnumEntry			
Timer 2 Active		KY_TIMER_↩ ACTIVE_2	IEnumEntry			
Timer 3 Active		KY_TIMER_↩ ACTIVE_3	IEnumEntry			
Timer 4 Active		KY_TIMER_↩ ACTIVE_4	IEnumEntry			
Timer 5 Active		KY_TIMER_↩ ACTIVE_5	IEnumEntry			
Timer 6 Active		KY_TIMER_↩ ACTIVE_6	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Timer 7 Active		KY_TIMER_↩ ACTIVE_7	IEnumEntry			
TriggerN 0		TriggerN0	IEnumEntry			
TriggerN 1		TriggerN1	IEnumEntry			
TriggerN 2		TriggerN2	IEnumEntry			
TriggerN 3		TriggerN3	IEnumEntry			
TriggerN 4		TriggerN4	IEnumEntry			
TriggerN 5		TriggerN5	IEnumEntry			
TriggerN 6		TriggerN6	IEnumEntry			
TriggerN 7		TriggerN7	IEnumEntry			
TriggerN 8		TriggerN8	IEnumEntry			
TriggerN 9		TriggerN9	IEnumEntry			
TriggerN 10		TriggerN10	IEnumEntry			
TriggerN 11		TriggerN11	IEnumEntry			
TriggerN 12		TriggerN12	IEnumEntry			
TriggerN 13		TriggerN13	IEnumEntry			
TriggerN 14		TriggerN14	IEnumEntry			
TriggerN 15		TriggerN15	IEnumEntry			
Disabled		Disabled	IEnumEntry			
Rising Edge		RisingEdge	IEnumEntry			
Falling Edge		FallingEdge	IEnumEntry			
Any Edge		AnyEdge	IEnumEntry			

1.33 TriggerN Control

TriggerN Control: The TriggerN Control lists all features that relates to control and monitoring of device TriggerNs.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
TriggerN Count	Number of available TriggerN blocks.	TriggerNCount	IInteger			
TriggerN Selector	Selects which TriggerN to configure.	Trigger↩ NSelector	IEnumeration			
TriggerN Mode	TriggerN Mode ON or OFF.	TriggerNMode	IEnumeration		Off; On	
TriggerN Camera Source	Selects camera to take trigger from.	Trigger↩ NCamera↩ Source	IInteger			
TriggerN Source	Selects a trigger number 0-15 of the selected camera.	Trigger↩ NSource	IInteger			
TriggerN Event Mode	TriggerN Event Mode ON or OFF.	Trigger↩ NEventEnable	IEnumeration		Disabled; Enabled	
Trigger↩ NControl_Imp access check implementation	Trigger↩ NControl_Imp access check implementation	Trigger↩ NControl_Imp	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Trigger↩ NSelector_↩ TriggerN0_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN0_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN0_Imp	IBoolean			
Trigger↩ NSelector_↩ TriggerN1_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN1_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN1_Imp	IBoolean			
Trigger↩ NSelector_↩ TriggerN2_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN2_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN2_Imp	IBoolean			
Trigger↩ NSelector_↩ TriggerN3_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN3_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN3_Imp	IBoolean			
Trigger↩ NSelector_↩ TriggerN4_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN4_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN4_Imp	IBoolean			
Trigger↩ NSelector_↩ TriggerN5_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN5_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN5_Imp	IBoolean			
Trigger↩ NSelector_↩ TriggerN6_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN6_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN6_Imp	IBoolean			
Trigger↩ NSelector_↩ TriggerN7_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN7_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN7_Imp	IBoolean			
Trigger↩ NSelector_↩ TriggerN8_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN8_Imp access check implementa-tion	Trigger↩ NSelector_↩ TriggerN8_Imp	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Trigger↩ NSelector_↩ TriggerN9_Imp access check implementation	Trigger↩ NSelector_↩ TriggerN9_Imp access check implementation	Trigger↩ NSelector_↩ TriggerN9_Imp	IBoolean			
Trigger↩ NSelector_↩ TriggerN10↩ _Imp access check implementation	Trigger↩ NSelector_↩ TriggerN10↩ _Imp access check implementation	Trigger↩ NSelector_↩ TriggerN10_↩ Imp	IBoolean			
Trigger↩ NSelector_↩ TriggerN11↩ _Imp access check implementation	Trigger↩ NSelector_↩ TriggerN11↩ _Imp access check implementation	Trigger↩ NSelector_↩ TriggerN11_↩ Imp	IBoolean			
Trigger↩ NSelector_↩ TriggerN12↩ _Imp access check implementation	Trigger↩ NSelector_↩ TriggerN12↩ _Imp access check implementation	Trigger↩ NSelector_↩ TriggerN12_↩ Imp	IBoolean			
Trigger↩ NSelector_↩ TriggerN13↩ _Imp access check implementation	Trigger↩ NSelector_↩ TriggerN13↩ _Imp access check implementation	Trigger↩ NSelector_↩ TriggerN13_↩ Imp	IBoolean			
Trigger↩ NSelector_↩ TriggerN14↩ _Imp access check implementation	Trigger↩ NSelector_↩ TriggerN14↩ _Imp access check implementation	Trigger↩ NSelector_↩ TriggerN14_↩ Imp	IBoolean			
Trigger↩ NSelector_↩ TriggerN15↩ _Imp access check implementation	Trigger↩ NSelector_↩ TriggerN15↩ _Imp access check implementation	Trigger↩ NSelector_↩ TriggerN15_↩ Imp	IBoolean			

1.33.1 TriggerN Control Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
TriggerN 0		TriggerN0	IEnumEntry			
TriggerN 1		TriggerN1	IEnumEntry			
TriggerN 2		TriggerN2	IEnumEntry			
TriggerN 3		TriggerN3	IEnumEntry			
TriggerN 4		TriggerN4	IEnumEntry			
TriggerN 5		TriggerN5	IEnumEntry			
TriggerN 6		TriggerN6	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
TriggerN 7		TriggerN7	IEnumEntry			
TriggerN 8		TriggerN8	IEnumEntry			
TriggerN 9		TriggerN9	IEnumEntry			
TriggerN 10		TriggerN10	IEnumEntry			
TriggerN 11		TriggerN11	IEnumEntry			
TriggerN 12		TriggerN12	IEnumEntry			
TriggerN 13		TriggerN13	IEnumEntry			
TriggerN 14		TriggerN14	IEnumEntry			
TriggerN 15		TriggerN15	IEnumEntry			
Off		Off	IEnumEntry			
On		On	IEnumEntry			
Disabled		Disabled	IEnumEntry			
Enabled		Enabled	IEnumEntry			

2 KYVPLocalDevice_xml xml

2.1 Camera Trigger Control

Camera Trigger Control: The Camera Trigger Control section describes all features related to image acquisition using camera trigger(s).

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Camera Trigger Mode	Controls if the selected camera trigger is active.	Camera↩ TriggerMode	IEnumeration		Off; On	
Camera Trigger Activation	Specifies the activation mode of the camera trigger.	Camera↩ Trigger↩ Activation	IEnumeration		RisingEdge; FallingEdge; AnyEdge; RisingEdge↩ Inv; Falling↩ EdgeInv; AnyEdgeInv	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Camera Trigger Source	Specifies the internal signal or physical input Line to use as the camera trigger source. The selected camera trigger must have its CameraTriggerMode set to On.	CameraTriggerSource	IEnumeration		KY_DISABLED; KY_OPTO_IN_0; KY_OPTO_IN_1; KY_OPTO_IN_2; KY_OPTO_IN_3; KY_OPTO_IN_4; KY_OPTO_IN_5; KY_OPTO_IN_6; KY_OPTO_IN_7; KY_LVDS_IN_0; KY_LVDS_IN_1; KY_LVDS_IN_2; KY_LVDS_IN_3; KY_TTL_0; KY_TTL_1; KY_TTL_2; KY_TTL_3; KY_TTL_4; KY_TTL_5; KY_TTL_6; KY_TTL_7; KY_LVTTL_0; KY_LVTTL_1; KY_LVTTL_2; KY_LVTTL_3; KY_LVTTL_4; KY_LVTTL_5; KY_LVTTL_6; KY_LVTTL_7; KY_SOFTWARE; KY_ENCODER_0; KY_ENCODER_1; KY_ENCODER_2; KY_ENCODER_3; KY_TIMER_ACTIVE_0; KY_TIMER_ACTIVE_1; KY_TIMER_ACTIVE_2; KY_TIMER_ACTIVE_3; KY_TIMER_ACTIVE_4; KY_TIMER_ACTIVE_5; KY_TIMER_ACTIVE_6; KY_TIMER_ACTIVE_7	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Camera Trigger Delay	Specifies the delay in microseconds(us) to apply after the camera trigger reception before activating it.	Camera↩ TriggerDelay	IFloat			
Camera Trigger Filter	Filter for camera trigger, helps prevent signal de-bouncing. 8ns resolution, units in microseconds(us).	Camera↩ TriggerFilter	IFloat			
Camera Trigger Software	Generates an internal camera trigger. Camera↩ TriggerSource must be set to Software.	Camera↩ Trigger↩ Software	ICommand			
Camera Trigger Event Enable	Enable event from camera trigger on every activation.	Camera↩ TriggerEvent↩ Enable	IEnumeration		Disable; Enable	
Camera↩ Trigger↩ Source_↩ TriggerN0_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN0_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN0_Imp	IBoolean			
Camera↩ Trigger↩ Source_↩ TriggerN1_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN1_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN1_Imp	IBoolean			
Camera↩ Trigger↩ Source_↩ TriggerN2_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN2_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN2_Imp	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Camera↩ Trigger↩ Source_↩ TriggerN3_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN3_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN3_Imp	IBoolean			
Camera↩ Trigger↩ Source_↩ TriggerN4_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN4_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN4_Imp	IBoolean			
Camera↩ Trigger↩ Source_↩ TriggerN5_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN5_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN5_Imp	IBoolean			
Camera↩ Trigger↩ Source_↩ TriggerN6_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN6_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN6_Imp	IBoolean			
Camera↩ Trigger↩ Source_↩ TriggerN7_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN7_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN7_Imp	IBoolean			
Camera↩ Trigger↩ Source_↩ TriggerN8_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN8_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN8_Imp	IBoolean			
Camera↩ Trigger↩ Source_↩ TriggerN9_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN9_Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN9_Imp	IBoolean			
Camera↩ Trigger↩ Source_↩ TriggerN10↩ _Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN10↩ _Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN10_↩ Imp	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Camera↩ Trigger↩ Source_↩ TriggerN11↩ _Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN11↩ _Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN11_↩ Imp	IBoolean			
Camera↩ Trigger↩ Source_↩ TriggerN12↩ _Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN12↩ _Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN12_↩ Imp	IBoolean			
Camera↩ Trigger↩ Source_↩ TriggerN13↩ _Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN13↩ _Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN13_↩ Imp	IBoolean			
Camera↩ Trigger↩ Source_↩ TriggerN14↩ _Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN14↩ _Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN14_↩ Imp	IBoolean			
Camera↩ Trigger↩ Source_↩ TriggerN15↩ _Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN15↩ _Imp access check implementation	Camera↩ Trigger↩ Source_↩ TriggerN15_↩ Imp	IBoolean			
Camera↩ Trigger↩ Control_Imp access check implementation	Camera↩ Trigger↩ Control_Imp access check implementation	Camera↩ Trigger↩ Control_Imp	IBoolean			
.	.	Camera↩ Trigger↩ ControlIs↩ Avaialble	IBoolean			

2.1.1 Camera Trigger Control Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Off		Off	IEnumEntry			
On		On	IEnumEntry			
Rising Edge		RisingEdge	IEnumEntry			
Falling Edge		FallingEdge	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Any Edge		AnyEdge	IEnumEntry			
Rising Edge Invert		RisingEdgeInv	IEnumEntry			
Falling Edge Invert		FallingEdgeInv	IEnumEntry			
Any Edge Invert		AnyEdgeInv	IEnumEntry			
Disabled		KY_DISABLED	IEnumEntry			
OptoCoupled Input 0		KY_OPTO_IN↩_0	IEnumEntry			
OptoCoupled Input 1		KY_OPTO_IN↩_1	IEnumEntry			
OptoCoupled Input 2		KY_OPTO_IN↩_2	IEnumEntry			
OptoCoupled Input 3		KY_OPTO_IN↩_3	IEnumEntry			
OptoCoupled Input 4		KY_OPTO_IN↩_4	IEnumEntry			
OptoCoupled Input 5		KY_OPTO_IN↩_5	IEnumEntry			
OptoCoupled Input 6		KY_OPTO_IN↩_6	IEnumEntry			
OptoCoupled Input 7		KY_OPTO_IN↩_7	IEnumEntry			
LVDS Input 0		KY_LVDS_IN↩_0	IEnumEntry			
LVDS Input 1		KY_LVDS_IN↩_1	IEnumEntry			
LVDS Input 2		KY_LVDS_IN↩_2	IEnumEntry			
LVDS Input 3		KY_LVDS_IN↩_3	IEnumEntry			
TTL 0		KY_TTL_0	IEnumEntry			
TTL 1		KY_TTL_1	IEnumEntry			
TTL 2		KY_TTL_2	IEnumEntry			
TTL 3		KY_TTL_3	IEnumEntry			
TTL 4		KY_TTL_4	IEnumEntry			
TTL 5		KY_TTL_5	IEnumEntry			
TTL 6		KY_TTL_6	IEnumEntry			
TTL 7		KY_TTL_7	IEnumEntry			
LVTTL 0		KY_LVTTL_0	IEnumEntry			
LVTTL 1		KY_LVTTL_1	IEnumEntry			
LVTTL 2		KY_LVTTL_2	IEnumEntry			
LVTTL 3		KY_LVTTL_3	IEnumEntry			
LVTTL 4		KY_LVTTL_4	IEnumEntry			
LVTTL 5		KY_LVTTL_5	IEnumEntry			
LVTTL 6		KY_LVTTL_6	IEnumEntry			
LVTTL 7		KY_LVTTL_7	IEnumEntry			
Software		KY_↩SOFTWARE	IEnumEntry			
Encoder 0		KY_↩ENCODER_0	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Encoder 1		KY_↩ ENCODER_1	IEnumEntry			
Encoder 2		KY_↩ ENCODER_2	IEnumEntry			
Encoder 3		KY_↩ ENCODER_3	IEnumEntry			
Timer 0 Active		KY_TIMER_↩ ACTIVE_0	IEnumEntry			
Timer 1 Active		KY_TIMER_↩ ACTIVE_1	IEnumEntry			
Timer 2 Active		KY_TIMER_↩ ACTIVE_2	IEnumEntry			
Timer 3 Active		KY_TIMER_↩ ACTIVE_3	IEnumEntry			
Timer 4 Active		KY_TIMER_↩ ACTIVE_4	IEnumEntry			
Timer 5 Active		KY_TIMER_↩ ACTIVE_5	IEnumEntry			
Timer 6 Active		KY_TIMER_↩ ACTIVE_6	IEnumEntry			
Timer 7 Active		KY_TIMER_↩ ACTIVE_7	IEnumEntry			
TriggerN 0		TriggerN0	IEnumEntry			
TriggerN 1		TriggerN1	IEnumEntry			
TriggerN 2		TriggerN2	IEnumEntry			
TriggerN 3		TriggerN3	IEnumEntry			
TriggerN 4		TriggerN4	IEnumEntry			
TriggerN 5		TriggerN5	IEnumEntry			
TriggerN 6		TriggerN6	IEnumEntry			
TriggerN 7		TriggerN7	IEnumEntry			
TriggerN 8		TriggerN8	IEnumEntry			
TriggerN 9		TriggerN9	IEnumEntry			
TriggerN 10		TriggerN10	IEnumEntry			
TriggerN 11		TriggerN11	IEnumEntry			
TriggerN 12		TriggerN12	IEnumEntry			
TriggerN 13		TriggerN13	IEnumEntry			
TriggerN 14		TriggerN14	IEnumEntry			
TriggerN 15		TriggerN15	IEnumEntry			
Disable		Disable	IEnumEntry			
Enable		Enable	IEnumEntry			

2.2 Device Control

Device Control: Category for Device information and control.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Connection Mask	Bitmask indicating grabber links on which camera is detected.	Links↩ ConnectionMask	IString			

2.3 Device Serial Port Control

Device Serial Port Control: Category that contains the serial port control.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Serial Port Selector	Selects device available serial port.	DeviceSerial↩ PortSelector	IEnumeration		CameraLink; Peripheral↩ GPIO_0; Peripheral↩ GPIO_1; Peripheral↩ GPIO_2; Peripheral↩ GPIO_3; Peripheral↩ GPIO_4; Peripheral↩ GPIO_5; Peripheral↩ GPIO_6	
Serial Port Number	Serial virtual COM port number.	DeviceSerial↩ PortNumber	IInteger			
Serial COM Port Enable	Enables selected serial COM port channel.	DeviceSerial↩ PortCom↩ Enable	IBoolean			

2.3.1 Device Serial Port Control Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
CameraLink		CameraLink	IEnumEntry			
Peripheral↩ GPIO_0		Peripheral↩ GPIO_0	IEnumEntry			
Peripheral↩ GPIO_1		Peripheral↩ GPIO_1	IEnumEntry			
Peripheral↩ GPIO_2		Peripheral↩ GPIO_2	IEnumEntry			
Peripheral↩ GPIO_3		Peripheral↩ GPIO_3	IEnumEntry			
Peripheral↩ GPIO_4		Peripheral↩ GPIO_4	IEnumEntry			
Peripheral↩ GPIO_5		Peripheral↩ GPIO_5	IEnumEntry			
Peripheral↩ GPIO_6		Peripheral↩ GPIO_6	IEnumEntry			

3 KYVPStream_xml xml

3.1 Color Transformation Control

Color Transformation Control: Category that contains the Color Transformation control features.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Color transformation matrix coef RR	Color transformation matrix coef RR	Color↩ Transformation↩ RR	IFloat			
Color transformation matrix coef RG	Color transformation matrix coef RG	Color↩ Transformation↩ RG	IFloat			
Color transformation matrix coef RB	Color transformation matrix coef RB	Color↩ Transformation↩ RB	IFloat			
Color transformation matrix coef R0	Color transformation matrix coef R0	Color↩ Transformation↩ R0	IFloat			
Color transformation matrix coef GR	Color transformation matrix coef GR	Color↩ Transformation↩ GR	IFloat			
Color transformation matrix coef GG	Color transformation matrix coef GG	Color↩ Transformation↩ GG	IFloat			
Color transformation matrix coef GB	Color transformation matrix coef GB	Color↩ Transformation↩ GB	IFloat			
Color transformation matrix coef G0	Color transformation matrix coef G0	Color↩ Transformation↩ G0	IFloat			
Color transformation matrix coef BR	Color transformation matrix coef BR	Color↩ Transformation↩ BR	IFloat			
Color transformation matrix coef BG	Color transformation matrix coef BG	Color↩ Transformation↩ BG	IFloat			
Color transformation matrix coef BB	Color transformation matrix coef BB	Color↩ Transformation↩ BB	IFloat			
Color transformation matrix coef B0	Color transformation matrix coef B0	Color↩ Transformation↩ B0	IFloat			

3.2 Image Format Control

Image Format Control: Control over additional camera video stream features.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Segments Per Buffer	Number of Lines/Frames to accumulate in a single buffer frame.	SegmentsPer↩ Buffer	IInteger			

| Transformation Pixel Format | Pixel Format for Image Format transformation. Availability is subject to current camera's pixel format. | PixelFormat | IEnumeration | | Normal | | | Debayer Mode | Bayer demosaic algorithm. | DebayerMode | IEnumeration | | Demosaic3x3; Demosaic3x2 | | | Width | Width of the image, to override the one provided by the remote device (in pixels). | Width | IInteger | | | | | Height | Height of the image, to override the one provided by the remote device (in pixels). | Height | IInteger | | | | | Packed Data Enable | Select maintain data packing mode for stream output. | PackedDataMode | IEnumeration | | Unpacked; Packed_RowAligned32; Packed_RowAligned32_Reverse | | | Decimation Vertical Mode | Sets the mode used to reduce the Vertical resolution when DecimationVertical is used. | DecimationVerticalMode | IEnumeration | | Discard; Average | | | Decimation Vertical | Vertical sub-sampling of the image. This reduces the vertical resolution (height) of the image by the specified vertical decimation factor. | DecimationVertical | IInteger | | | | | Decimation Horizontal Mode | Sets the mode used to reduce the horizontal resolution when DecimationHorizontal is used. | Decimation↩ HorizontalMode | IEnumeration | | Discard; Average | | | Decimation Horizontal | Horizontal sub-sampling of the image. This reduces the horizontal resolution (width) of the image by the specified horizontal decimation factor. | DecimationHorizontal | IInteger | | | | | Image Compression Mode | Enable a specific image compression mode as the base mode for image transfer. | ImageCompressionMode | IEnumeration | | Off | | | XRGB8888 Enable | Inserts a byte of padding for each 3 bytes of data. | XRGB8888 | IBoolean | | | | | Deinterlacing | Indicates whether received picture should be deinterlaced. | Deinterlacing | IEnumeration | | Off; Weave | | | TransformationPixel↩ Format_Mono8_Available | TransformationPixelFormat_Mono8_Available | TransformationPixelFormat_Mono8_↩ Available | IBoolean | | | | | TransformationPixelFormat_Mono10_Available | TransformationPixelFormat_Mono10↩ _Available | TransformationPixelFormat_Mono10_Available | IBoolean | | | | | TransformationPixelFormat_Mono12↩ _Available | TransformationPixelFormat_Mono12_Available | TransformationPixelFormat_Mono12_Available | IBoolean | | | | | TransformationPixelFormat_Mono14_Available | TransformationPixelFormat_Mono14_Available | TransformationPixelFormat_Mono14_Available | IBoolean | | | | | TransformationPixelFormat_Mono16_Available | TransformationPixelFormat_Mono16_Available | TransformationPixelFormat_Mono16_Available | IBoolean | | | | | TransformationPixelFormat_RGB8_Available | TransformationPixelFormat_RGB8_Available | Transformation↩ PixelFormat_RGB8_Available | IBoolean | | | | | TransformationPixelFormat_RGB10_Available | Transformation↩ PixelFormat_RGB10_Available | TransformationPixelFormat_RGB10_Available | IBoolean | | | | | Transformation↩ PixelFormat_RGB12_Available | TransformationPixelFormat_RGB12_Available | TransformationPixelFormat_↩ RGB12_Available | IBoolean | | | | | TransformationPixelFormat_RGB14_Available | TransformationPixelFormat_↩ RGB14_Available | TransformationPixelFormat_RGB14_Available | IBoolean | | | | | TransformationPixelFormat_↩ RGB16_Available | TransformationPixelFormat_RGB16_Available | TransformationPixelFormat_RGB16_Available | IBoolean | | | | | TransformationPixelFormat_RGBA8_Available | TransformationPixelFormat_RGBA8_Available | TransformationPixelFormat_RGBA8_Available | IBoolean | | | | | TransformationPixelFormat_BayerGR8_Available | TransformationPixelFormat_BayerGR8_Available | TransformationPixelFormat_BayerGR8_Available | IBoolean | | | | | TransformationPixelFormat_BayerRG8_Available | TransformationPixelFormat_BayerRG8_Available | TransformationPixelFormat_BayerRG8_Available | IBoolean | | | | | TransformationPixelFormat_BayerGB8_↩ Available | TransformationPixelFormat_BayerGB8_Available | TransformationPixelFormat_BayerGB8_Available | IBoolean | | | | | TransformationPixelFormat_BayerBG8_Available | TransformationPixelFormat_BayerBG8_Available | TransformationPixelFormat_BayerBG8_Available | IBoolean | | | |

3.2.1 Image Format Control Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Normal		Normal	IEnumEntry			
Mono8		Mono8	IEnumEntry			
Mono10		Mono10	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Mono12		Mono12	IEnumEntry			
Mono14		Mono14	IEnumEntry			
Mono16		Mono16	IEnumEntry			
RGB8		RGB8	IEnumEntry			
RGB10		RGB10	IEnumEntry			
RGB12		RGB12	IEnumEntry			
RGB14		RGB14	IEnumEntry			
RGB16		RGB16	IEnumEntry			
RGBA8		RGBA8	IEnumEntry			
BayerGR8		BayerGR8	IEnumEntry			
BayerRG8		BayerRG8	IEnumEntry			
BayerGB8		BayerGB8	IEnumEntry			
BayerBG8		BayerBG8	IEnumEntry			
Demosaic 3x3		Demosaic3x3	IEnumEntry			
Demosaic 3x2		Demosaic3x2	IEnumEntry			
Unpacked		Unpacked	IEnumEntry			
Packed Row 32bit Aligned		Packed_Row↩ Aligned32	IEnumEntry			
Packed Row 32bit Aligned Reverse		Packed_Row↩ Aligned32_↩ Reverse	IEnumEntry			
Discard		Discard	IEnumEntry			
Average		Average	IEnumEntry			
Discard		Discard	IEnumEntry			
Average		Average	IEnumEntry			
Off		Off	IEnumEntry			
Off		Off	IEnumEntry			
Weave		Weave	IEnumEntry			

3.3 Meta Data Control

Meta Data Control: Category that contains the control over Metadata insertion features.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Meta Data Enable Mode	Inserts metadata information according to selected mode.	MetaData↩ Mode	IEnumeration		Disable; Mode1	

3.3.1 Meta Data Control Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Disable		Disable	IEnumEntry			
Mode1		Mode1	IEnumEntry			

3.4 Statistics and Tests

Statistics and Tests: Category for device statistics and tests.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
HW Stream Selector	Selects the HW stream to monitoring and control.	HWStream↩ Selector	IInteger			
CRCError↩ Counter_Imp access check implementation	CRCError↩ Counter_Imp access check implementation	CRCError↩ Counter_Imp	IBoolean			
CRC Error Counter	Camera CRC Error Counter. Number of CRC errors generated from corrupted data packets.	CRCError↩ Counter	IInteger			
RXPacket↩ Counter_Imp access check implementation	RXPacket↩ Counter_Imp access check implementation	RXPacket↩ Counter_Imp	IBoolean			
RX Packet Counter	Camera RX Packet Counter. Total number of packets received from the camera.	RXPacket↩ Counter	IInteger			
DropPacket↩ Counter_Imp access check implementation	DropPacket↩ Counter_Imp access check implementation	DropPacket↩ Counter_Imp	IBoolean			
Drop Packet Counter	Camera Drop Packet Counter. Number of packets dropped due to corruption.	DropPacket↩ Counter	IInteger			
RXFrame↩ Counter_Imp access check implementation	RXFrame↩ Counter_Imp access check implementation	RXFrame↩ Counter_Imp	IBoolean			
RX Frame Counter	RX Frame Counter. Number of received frames from camera.	RXFrame↩ Counter	IInteger			
DropFrame↩ Counter_Imp access check implementation	DropFrame↩ Counter_Imp access check implementation	DropFrame↩ Counter_Imp	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Drop Frame Counter	Camera Drop Frame Counter. Number of frames dropped due to corruption.	DropFrame↩ Counter	IInteger			
DropStream↩ IdCounter_Imp access check implementation	DropStream↩ IdCounter_Imp access check implementation	DropStream↩ IdCounter_Imp	IBoolean			
Drop Stream↩ Id Counter	Camera Drop Stream Id Counter. Number of frames dropped due to StreamId corruption.	DropStream↩ IdCounter	IInteger			
RXLine↩ Counter_Imp access check implementation	RXLine↩ Counter_Imp access check implementation	RXLine↩ Counter_Imp	IBoolean			
RX Line Counter	RX Line Counter	RXLineCounter	IInteger			
RXIHCounter↩ _Imp access check implementation	RXIHCounter↩ _Imp access check implementation	RXIHCounter↩ _Imp	IBoolean			
RX IH Counter	RX Image Header Counter	RXIHCounter	IInteger			
Drop↩ IHCounter_Imp access check implementation	Drop↩ IHCounter_Imp access check implementation	Drop↩ IHCounter_Imp	IBoolean			
Drop IH Counter	Drop Image Header Counter	DropIHCounter	IInteger			
Statistics Counters Reset	Reset all statistics counters.	Statistics↩ CountersReset	ICommand			
Frame reception start latency	Latency time in microseconds(us) from frame reception start until user frame acquisition.	Latency↩ FrameStart	IInteger			
Frame reception finish latency	Latency time in microseconds(us) from frame reception finish until user frame acquisition.	Latency↩ FrameEnd	IInteger			
Latency Counters Reset	Reset all Latency related counters.	Latency↩ CountersReset	ICommand			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
FifoThreshold↩ _Imp access check implementation	FifoThreshold↩ _Imp access check implementation	FifoThreshold↩ _Imp	IBoolean			
FIFO threshold	FIFO threshold, FIFO fill level.	FifoThreshold	IInteger			
Actual frame rate	Actual acquisition frame rate.	AcquisitionFps	IFloat			
Stream↩ Statistics_Imp access check implementation	Stream↩ Statistics_Imp access check implementation	Stream↩ Statistics_Imp	IBoolean			

3.5 Transport Layer Control

Transport Layer Control: Category that contains the Transport layer control features.

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Stream↩ PacketData↩ Size	This provides the stream packet data size.	Stream↩ PacketData↩ Size	IInteger			
Image1↩ StreamID	This gives the Stream ID of the primary image stream from the Device.	Image1↩ StreamID	IInteger			
Image2↩ StreamID	This gives the Stream ID of the secondary image stream from the Device.	Image2↩ StreamID	IInteger			
Image↩ Acquisition↩ Filter_Imp access check implementation	Image↩ Acquisition↩ Filter_Imp access check implementation	Image↩ Acquisition↩ Filter_Imp	IBoolean			
Image Acquisition Filter Enable	Enables condition filter, under which the image was acquired.	Image↩ Acquisition↩ FilterEnable	IBoolean			
Image Acquisition Filter Selector	Condition filter selector, under which the image was acquired.	Image↩ Acquisition↩ FilterSelector	IInteger			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Image Acquisition Filter Value	Rule for image acquisition, under condition filter selected by "Image↩ Acquisition↩ FilterSelector".	Image↩ Acquisition↩ FilterValue	IEnumeration		Disabled; Active	
Transport Channels Max Count	Indicates the maximum number of transport channels supported by the device associated with the current stream.	Transport↩ Channels↩ MaxCount	IInteger			
Transport Channel Selector	Selects the transport channel of the stream for monitoring and control.	Transport↩ Channel↩ Selector	IInteger			
Revision Packets	Number of Revision packets.	Revision↩ Packets	IInteger			
Command Packets	Number of Command packets.	Command↩ Packets	IInteger			
PRBS Errors	Number of PRBS errors detected.	PRBS_Errors	IInteger			
FEC Received Packets	Received packets by FEC .	FEC_↩ RXPackets	IInteger			
FEC Corrected Packets	Number of corrected packets by FEC.	FEC_↩ Corrected↩ Packets	IInteger			
FEC Corrupted Packets	Number of uncorrectable packets.	FEC_↩ Corrupted↩ Packets	IInteger			
Transport Counters Reset	Reset all transport counters.	Transport↩ CountersReset	ICommand			
Transport↩ Channel↩ Selector_Imp access check implementation	Transport↩ Channel↩ Selector_Imp access check implementation	Transport↩ Channel↩ Selector_Imp	IBoolean			
Revision↩ Packets_Imp access check implementation	Revision↩ Packets_Imp access check implementation	Revision↩ Packets_Imp	IBoolean			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Command↩ Packets_Imp access check implementation	Command↩ Packets_Imp access check implementation	Command↩ Packets_Imp	IBoolean			
FEC_Rx↩ Packets access check implementation	FEC_Rx↩ Packets access check implementation	FEC_Rx↩ Packets_Imp	IBoolean			
FEC_↩ Corrected↩ Packets_Imp access check implementation	FEC_↩ Corrected↩ Packets_Imp access check implementation	FEC_↩ Corrected↩ Packets_Imp	IBoolean			
FEC_↩ Corrupted↩ Packets_Imp access check implementation	FEC_↩ Corrupted↩ Packets_Imp access check implementation	FEC_↩ Corrupted↩ Packets_Imp	IBoolean			
Transport↩ Counters↩ Reset_Imp access check implementation	Transport↩ Counters↩ Reset_Imp access check implementation	Transport↩ Counters↩ Reset_Imp	IBoolean			

3.5.1 Transport Layer Control Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Disabled		Disabled	IEnumEntry			
Active		Active	IEnumEntry			

3.6 Trigger Control

Trigger Control: The Trigger Control section describes all features related to image acquisition using trigger(s).

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Trigger Mode	Controls if the selected trigger is active.	TriggerMode	IEnumeration		Off; On	
Trigger Activation	Specifies the activation mode of the trigger.	Trigger↩ Activation	IEnumeration		RisingEdge; FallingEdge; AnyEdge; LevelHigh; LevelLow	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Trigger Source	Specifies the internal signal or physical input Line to use as the trigger source. The selected trigger must have its TriggerMode set to On.	TriggerSource	IEnumeration		KY_DISABLED; KY_OPTO_IN_0; KY_OPTO_IN_1; KY_OPTO_IN_2; KY_OPTO_IN_3; KY_OPTO_IN_4; KY_OPTO_IN_5; KY_OPTO_IN_6; KY_OPTO_IN_7; KY_LVDS_IN_0; KY_LVDS_IN_1; KY_LVDS_IN_2; KY_LVDS_IN_3; KY_TTL_0; KY_TTL_1; KY_TTL_2; KY_TTL_3; KY_TTL_4; KY_TTL_5; KY_TTL_6; KY_TTL_7; KY_LVTTL_0; KY_LVTTL_1; KY_LVTTL_2; KY_LVTTL_3; KY_LVTTL_4; KY_LVTTL_5; KY_LVTTL_6; KY_LVTTL_7; KY_CAM_TRIG; KY_SOFTWARE; KY_ENCODER_0; KY_ENCODER_1; KY_ENCODER_2; KY_ENCODER_3; KY_TIMER_ACTIVE_0; KY_TIMER_ACTIVE_1; KY_TIMER_ACTIVE_2; KY_TIMER_ACTIVE_3; KY_TIMER_ACTIVE_4; KY_TIMER_ACTIVE_5; KY_TIMER_ACTIVE_6; KY_TIMER_	

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Trigger Delay	Specifies the delay in microseconds(us) to apply after the trigger reception before activating it.	TriggerDelay	IFloat			
Trigger Filter	Filter for trigger, helps prevent signal de-bouncing. 8ns resolution, units in microseconds(us).	TriggerFilter	IFloat			
Trigger Software	Generates an internal trigger. TriggerSource must be set to Software.	Trigger↩ Software	ICommand			
Trigger Event Mode	Selects the trigger event generation mode.	TriggerEvent↩ Mode	IEnumeration		Disabled; RisingEdge; FallingEdge; AnyEdge	
Stream↩ Trigger↩ Control_Imp access check implementation	Stream↩ Trigger↩ Control_Imp access check implementation	Stream↩ Trigger↩ Control_Imp	IBoolean			
MetaData↩ Control_Imp access check implementation	MetaData↩ Control_Imp access check implementation	MetaData↩ Control_Imp	IBoolean			

3.6.1 Trigger Control Enum Entries

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Off		Off	IEnumEntry			
On		On	IEnumEntry			
Rising Edge		RisingEdge	IEnumEntry			
Falling Edge		FallingEdge	IEnumEntry			
Any Edge		AnyEdge	IEnumEntry			
Level High		LevelHigh	IEnumEntry			
Level Low		LevelLow	IEnumEntry			
Disabled		KY_DISABLED	IEnumEntry			
OptoCoupled Input 0		KY_OPTO_IN↩ _0	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
OptoCoupled Input 1		KY_OPTO_IN↩_1	IEnumEntry			
OptoCoupled Input 2		KY_OPTO_IN↩_2	IEnumEntry			
OptoCoupled Input 3		KY_OPTO_IN↩_3	IEnumEntry			
OptoCoupled Input 4		KY_OPTO_IN↩_4	IEnumEntry			
OptoCoupled Input 5		KY_OPTO_IN↩_5	IEnumEntry			
OptoCoupled Input 6		KY_OPTO_IN↩_6	IEnumEntry			
OptoCoupled Input 7		KY_OPTO_IN↩_7	IEnumEntry			
LVDS Input 0		KY_LVDS_IN↩_0	IEnumEntry			
LVDS Input 1		KY_LVDS_IN↩_1	IEnumEntry			
LVDS Input 2		KY_LVDS_IN↩_2	IEnumEntry			
LVDS Input 3		KY_LVDS_IN↩_3	IEnumEntry			
TTL 0		KY_TTL_0	IEnumEntry			
TTL 1		KY_TTL_1	IEnumEntry			
TTL 2		KY_TTL_2	IEnumEntry			
TTL 3		KY_TTL_3	IEnumEntry			
TTL 4		KY_TTL_4	IEnumEntry			
TTL 5		KY_TTL_5	IEnumEntry			
TTL 6		KY_TTL_6	IEnumEntry			
TTL 7		KY_TTL_7	IEnumEntry			
LVTTL 0		KY_LVTTL_0	IEnumEntry			
LVTTL 1		KY_LVTTL_1	IEnumEntry			
LVTTL 2		KY_LVTTL_2	IEnumEntry			
LVTTL 3		KY_LVTTL_3	IEnumEntry			
LVTTL 4		KY_LVTTL_4	IEnumEntry			
LVTTL 5		KY_LVTTL_5	IEnumEntry			
LVTTL 6		KY_LVTTL_6	IEnumEntry			
LVTTL 7		KY_LVTTL_7	IEnumEntry			
Camera Trigger		KY_CAM_TRIG	IEnumEntry			
Software		KY_↩SOFTWARE	IEnumEntry			
Encoder 0		KY_↩ENCODER_0	IEnumEntry			
Encoder 1		KY_↩ENCODER_1	IEnumEntry			
Encoder 2		KY_↩ENCODER_2	IEnumEntry			
Encoder 3		KY_↩ENCODER_3	IEnumEntry			
Timer 0 Active		KY_TIMER_↩ACTIVE_0	IEnumEntry			

Parameter	Description	GenICam name	Type	Value	GenICam value name	Remarks
Timer 1 Active		KY_TIMER_↩ ACTIVE_1	IEnumEntry			
Timer 2 Active		KY_TIMER_↩ ACTIVE_2	IEnumEntry			
Timer 3 Active		KY_TIMER_↩ ACTIVE_3	IEnumEntry			
Timer 4 Active		KY_TIMER_↩ ACTIVE_4	IEnumEntry			
Timer 5 Active		KY_TIMER_↩ ACTIVE_5	IEnumEntry			
Timer 6 Active		KY_TIMER_↩ ACTIVE_6	IEnumEntry			
Timer 7 Active		KY_TIMER_↩ ACTIVE_7	IEnumEntry			
TriggerN 0		TriggerN0	IEnumEntry			
TriggerN 1		TriggerN1	IEnumEntry			
TriggerN 2		TriggerN2	IEnumEntry			
TriggerN 3		TriggerN3	IEnumEntry			
TriggerN 4		TriggerN4	IEnumEntry			
TriggerN 5		TriggerN5	IEnumEntry			
TriggerN 6		TriggerN6	IEnumEntry			
TriggerN 7		TriggerN7	IEnumEntry			
TriggerN 8		TriggerN8	IEnumEntry			
TriggerN 9		TriggerN9	IEnumEntry			
TriggerN 10		TriggerN10	IEnumEntry			
TriggerN 11		TriggerN11	IEnumEntry			
TriggerN 12		TriggerN12	IEnumEntry			
TriggerN 13		TriggerN13	IEnumEntry			
TriggerN 14		TriggerN14	IEnumEntry			
TriggerN 15		TriggerN15	IEnumEntry			
Disabled		Disabled	IEnumEntry			
Rising Edge		RisingEdge	IEnumEntry			
Falling Edge		FallingEdge	IEnumEntry			
Any Edge		AnyEdge	IEnumEntry			

Index