

HZ-65000-G Series

HZ-65000-G-M Monochrome

HZ-65000-G-C Color



GiGE
VISION

GEN< i >CAM

65.4MP 100GigE camera with Gpixel GMAX3265 CMOS sensor

HZ-65000-G features the Gpixel GMAX3265 CMOS sensor. Benefits include low noise, high dynamic range, and high frame rates. At full resolution (9344 x 7000), you get 71 frames per second in 8-bit mode. Its ultra high-speed QSFP28 - 100GigE interface offers many benefits including low-cost accessories, low CPU overhead, low latency, low jitter, and accurate multi-camera synchronization using IEEE1588. In addition, QSFP28 - 100GigE offers three supported cabling options for cable lengths from 1M to 10KM.

HZ-65000-G will be available in Q4-2020.

Benefits

- » High-speed QSFP28 - 100GigE interface
- » 100x the speed of GigE
- » Ultra high data/frame rates
- » GigE Vision® and Genicam™ compliant
- » Optional IP67 housing

Applications

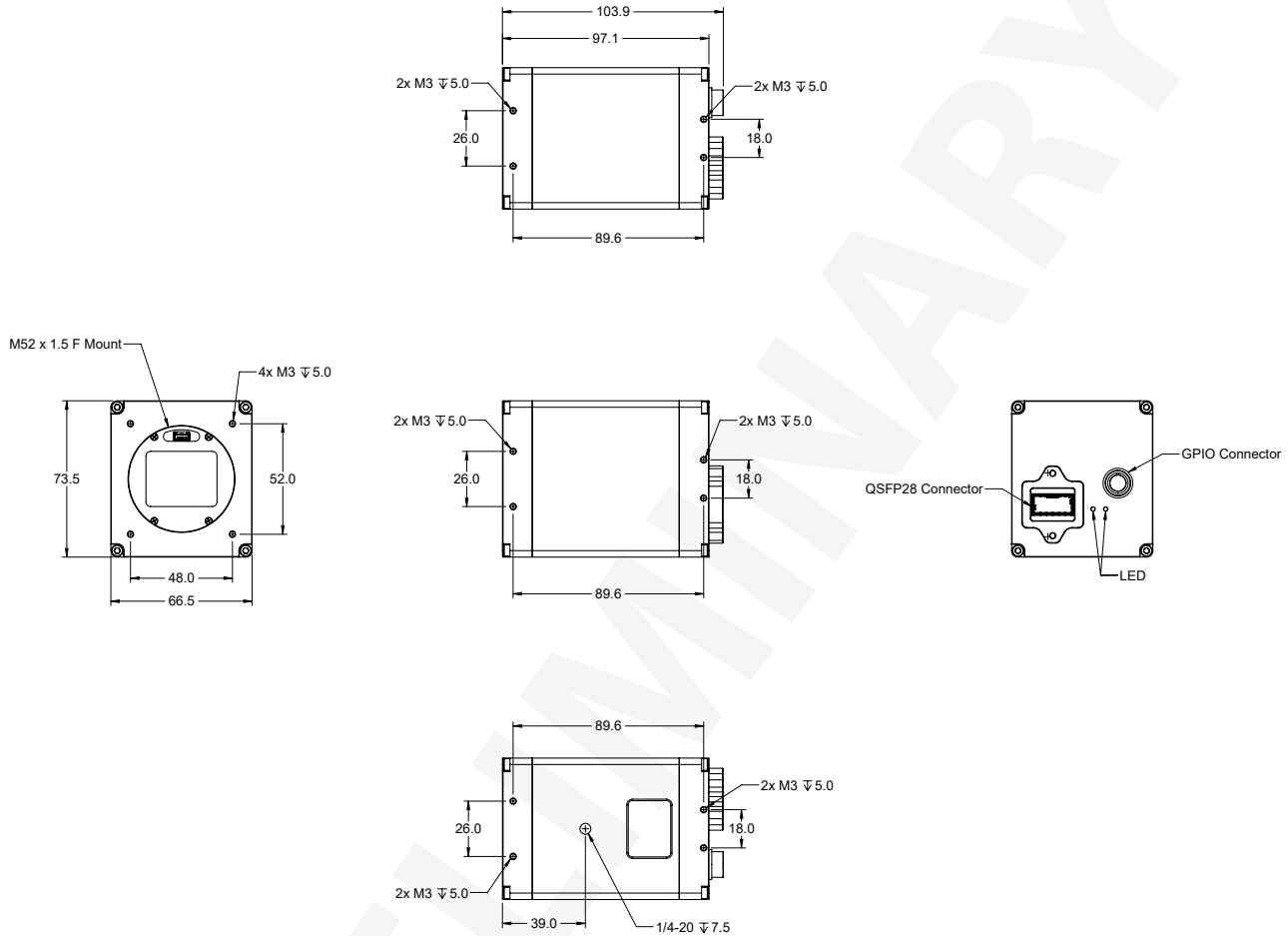
- » Virtual reality
- » Goal Line technology
- » Volumetric capture
- » Motion capture
- » Immersive 3D Content
- » Finish Line Vision
- » Referee Assist
- » Flat Panel Inspection
- » Machine Vision

Specifications

Sensor	GMAX3265
Resolution	9344 x 7000
Megapixels	65.4 MP
Sensor Type	35mm CMOS
Max Frame Rate	71 fps @ 8-bit 71 fps @ 10-bit
Cell Size	3.2µm x 3.2µm
Standard Mount	M52 Mount
Shutter	Global
Bit Depth	8 & 10 Bit
GPIO / Triggering	3 in, 3 out Software, External (Pulse or Edge)
Interface	QSFP28- 100GigE
Exposure/Integration*	5µs- 1s
Dynamic Range	>66db
Monochrome Modes	Mono8, Mono10, Mono10Packed
Color Modes	RGB8, BGR8, YUV411, YUV422, YUV444
Raw Modes	BayerGB8, BayerGB10, BayerGB10Packed
Operating System	Win10 (64 bit), Linux (64 bit)
Compliance	CE, FCC, RoHS, WEEE, GigE Vision, GenICam
Power Requirements	10W, 12V
Operating Temperature	0C- 45C
Storage Temperature	-30C to +60C
Dimensions & Weight	97 x 66 x 73- 600g
Warranty	2 Years

*all minimum exposure specs can vary from what is listed based on the limitations of each sensor as per notice from the manufacturer.

Mechanical drawings



Any Questions?

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