

GEN3G-IPC-200

Revolutionizing our favorite first camera!

The GEN3G-200 was our first staple into the broadcasting world, and we want to repay it with a refresh that will surely change the way its used! The GEN3G-IPC-200 brings everything you love from the GEN3G-200, with a refreshed Sony CMOS sensor, camera control via VISCA over IP, and your favorite way to sync to directly to any Tri-Level Sync Generator like our TGEN-6P. Continue the legacy by staying locked IN at all times with this new and improved camera!



KEY FEATURES:



APPLICATIONS:



TIME-SENSITIVE LIVE PRODUCTIONS



3D / VR APPLICATIONS



RACING



BROADCASTING



SECURITY

MAIN FEATURES

- Full HD Progressive Scan sensor captures sharp and vivid color under different light conditions.
- Advanced digital image processor provides vivid and detailed images by utilizing WDR, White Balance, and Noise Reduction.
- Motion-compensated temporal noise reduction filter leads to effective noise reduction for motion video without blur.
- Tri level sync Gen-lock synchronizes GEN3G cameras and other system components for seamless vertical interval switching between sources.
- 3G/HD-SDI & HDMI seamless video performance.
- Compatible with other industry leading products, conforming with SMPTE 424M/292M standard.
- Self-Adaptive Resolution Feature captures your reference feed instantly.
- Black Level Set-up provides the better color transition from digital to analog.
- VISCA over IP enabled to allow for easier communication over ethernet wire, as well as traditional RS485 communication.
- Interchangeable lens design makes it compatible with auto-iris CS and C mount lenses.
- Flawlessly relays embedded audio via SDI & HDMI.
- Controllable camera parameters through our free AIDA IPC Program.
- Versatile, compact, and rugged design.

SPECIFICATIONS

VIDEO

Image Sensor	1/2.8 inch Progressive CMOS
Sensor Size	5.641mm x 3.216mm (16:9)
Effective Pixels	Horizontal: 1920, Vertical: 1080
Pixel Size	2.9 μ m (H) x 2.9 μ m (V)
Resolution	1080p & 1080i: 1920 x 1080 720p & 720i: 1280 x 720
Resolution Rate	1080p 60/59.94/50/30/29.97/25/24/23 fps 1080p 60/59.94/50 fps 720p 60/59.94/50 fps
Output	HD-SDI/3G-SDI (1BNC), HDMI 1.3a
Color Space	4:2:2 (YCbCr) 10bit
Min. Illumination	0.2Lux (Day), 0.1Lux (Night), 0.005Lux (Slow Shutter ON)
White Balance	Auto & Manual (9,000 K - 11,000 K)

LENS

Lens	C/CS Mount (Default 4mm HD Lens)
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AUDIO

Input	3.5mm Line Input through I/O cable
Sample Rate	16/24/32 Bits

STANDARD

SMPTE	SMPTE 292M, SMPTE 424M
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SYNCHRONIZATION

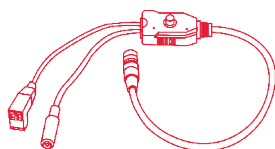
Gen-lock	External Tri-Level Input (IN / OUT)
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PHYSICAL

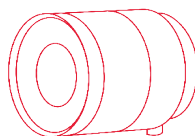
Camera Control	RS-485, OSD Button
Operation Temp	32° F - 104° F
Dimension	88.90mm x 44.45mm x 44.45mm / 3.50" x 1.75" x 1.75" (With default 4mm Lens)
Weight	170g / 0.37lbs (With default 4mm Lens)
Power	12VDC (+9 - +15VDC) (PoE+ injector possible)

*Specification are subject to change without notice.

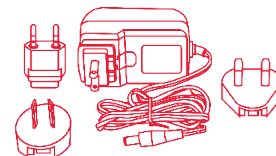
PACKAGE CONTENTS



I/O Breakout Cable



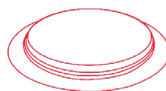
4mm Megapixels Lens (Pre-Installed)



DC 12v Power Supply & Sockets Adapter



C-Mount Cap Adapter



Sensor Cap



PoE Dongle Adapter

At **AIDA Imaging**, innovation is key to crafting our tried and tested quality imaging solutions. We strive to raise the bar by engineering and manufacturing cutting edge cameras and converters. From concept to reality, **AIDA Imaging** meticulously creates products that are applicable to various solutions, effective for the global user.

All features, functionality and other product specifications are subject to change without notice or obligation.