

GEN3G-200

3G-SDI/HDMI Full HD Genlock Camera



The GEN3G-200 has a Full HD Progressive Scan CMOS sensor that provides vivid and detailed images even under different light conditions. Its advanced digital imaging processor utilizes HDR, White Balance, and Noise Reduction, while featuring a motion compensated temporal noise reduction to be able to maintain a quality image with motion blur. The tri level genlock sync, synchronizes the camera with other system components for seamless vertical switching in between intervals. The GEN3G-200 is compatible with other industry leading products, conforming with SMPTE 424M/292M standard.

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GEN3G-200 Compact Full HD Genlock Camera



Video

Image Sensor	1/3 inch Progressive CMOS
Sensor Size	5.346mm x 3.003mm (16:9)
Effective Pixels	Horizontal: 1920, Vertical: 1080
Pixel Size	2.75 μ m x 2.75 μ m
Resolution	1080p & 1080i: 1920 x 1080 720p & 720i: 1280 x 720
Resolution/Rate	1080 60p/59.94p/50p/30p/29.97p/ 25p 1080 60i/59.94i/50i 720 60p/59.94p/50p/30p/25p
Output	HD-SDI/3G-SDI (1 BNC) 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 (1,900°K - 11,000°K)

Lens

Lens	C/CS Mount (Default 3.6mm HD Lens)
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Audio

Audio Input	3.5mm Analog Audio Input through I/O Cable
Sample Rate	16 / 24 / 32 Bits

Standard SMPTE

SMPTE 292M, SMPTE 424M

Synchronization Genlock

External Tri-Level Input

Physical

Camera Control	RS-485, OSD Button
Operation Temp	32°F - 104°F
Dimension	49mm x 49mm x 71mm / 1.92" x 1.92" x 2.79" (With default 3.6mm Lens)
Weight	180g / 0.39Lbs (With default 3.6mm Lens)
Power	6W at 12VDC (+9 - +15VDC)

Package contents



I/O Breakout cable



DC12v Power supply & Socket adaptor



4mm Megapixel Lens (Pre-installed)



Sensor cap



C-Mount lens adaptor



Hex. wrench

AIDA Imaging manufactures advanced imaging and streaming devices for several different industries and applications. Our focus is on providing innovative products, maintaining quality control, and excellence in service to professionals and consumers worldwide. All AIDA Imaging devices are proudly designed in the USA.

AIDA

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