

GEN3G-200

Genlock Reference Ready

The importance of Genlock for professional VR filmmaking and 360 video productions can't be overstated. The GEN3-200 is among a few cameras that features built-in true Genlock capability and a team player in a multi-camera array.



KEY FEATURES:



APPLICATIONS:



LIVE PRODUCTION



WORSHIP



RACING



EDUCATION



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.
- Auto White Balance and shutter speed provides the optimized performance in a variety of situations.
- Interchangeable lens design makes it compatible with auto-iris CS and C mount lenses.
- Flawlessly relays embedded audio via SDI & HDMI.
- Built-in OSD controls for customizable image settings.
- Versatile, compact, and rugged design.

SPECIFICATIONS

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 μm (H) x 2.75 μm (V)
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
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)
-------------	----------------------------------

AUDIO

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

STANDARD

SMPTE	SMPTE 292M, SMPTE 424M
--------------	------------------------

SYNCHRONIZATION

Gen-lock	External Tri-Level Input
-----------------	--------------------------

PHYSICAL

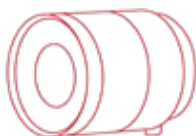
Camera Control	RS-486, OSD Button
Operation Temp	32° F - 104° F
Dimension	39mm x 39mm x 50.50mm / 1.53" x 1.53" x 1.99" (With default 4mmLens)
Weight	180g / 0.39lbs (With default 4mm Lens)
Power	6W at 12VDC (+9 - +15VDC)

*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

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.