GEN3G-200
3G-SDI/HDMI Full HD Genlock Camera

GEN3 series camera uses Full HD Progressive Scan CMOS sensor which captures sharp and vivid color under different light conditions.
Advanced digital imaging processor provides vivid and detailed images by utilizing HDR, White Balance, and Noise Reduction features.
GEN3 offers motion-compensated temporal noise reduction filter leads to effective noise reduction for motion video without blurring.
Tri level sync genlock synchronizes GEN3 cameras and other system components for seamless vertical interval switching between sources.
GEN3 camera is compatible with other industry leading products, conforming with **SMPTE 424M /292M** standard.
Black Level Set-up provides the better color transition from ditital to analog.
Auto White balance and shutter speed provides the optimized performance in a variety of situations.

AIDA

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 µm x 2.75 µm
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. Illunination	0.2Lux (Day), 0.1Lux (Night), 0.005Lux (Slow Shutter ON)
White Balance	Auto & Manual (19,000 K - 11,000 K)

Lens

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

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 49m 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

3.6mm Megapixel Lens (Pre-installed)

Sensor cap

C-Mount lens adaptor

Hex. wrench

Terminal power connector