

## 2MP GenLock Full HD Broadcast Camera

### FEATURES

- 1/3" 2.1M Panasonic CMOS Image Sensor
- Full HD 1920x1080p (50,60,59.94fps,25,30,29.97fps)
- Full HD 1920x1080i (50,60,59.94fps)
- Full HD 1280x720p (50,60,59.94fps)
- HDMI / HDSDI / 3GSDI outputs
- GENLOCK using one camera as Master
- Camera can act as SYNC source for other cameras
- Advanced RGB Interpolator for High Resolution
- Double-Shutter Wide Dynamic-Range (WDR)
- Adaptive Digital Noise Reduction
- Adaptive Contrast Enhancer (ACE)
- Lens shading Compensation
- Live Pixel Scan & Correction
- High Light & Privacy Masking
- Motion Object Detection
- Color Rolling Suppression
- On-Screen Display



The CV360-CGB offers full HD image quality and a fast frame rate to provide clear video with smoother motion for broadcast and television applications. The camera offers Multi Output of HDMI, HD-SDI, and CVBS; Day & Night vision with OSD Mode Change; and a Hirose power input port, the preferred port for broadcast and medical devices.

### GENLOCK Support ESYNC modes

1. External Video SYNC Command Mode: Component Y Signal
2. Camera to Camera SYNC mode
  - a. SYNC Dictate mode: Video Signal Output SYNC mode
  - b. SYNC Receive mode: Camera Video Input SYNC mode



1. On-Screen Display Menu Control (OSD)
2. ESYNC Input/Output Selection Switch
  - Input: Slave(receive) or Output: Master (dictate)
3. HDMI Output Terminal
4. ESYNC Input/Output (Tri-Level Sync)
5. ESYNC Lock LED Indicator
6. Power LED Indicator
7. DC Auto Iris Jack
8. 3GSDI / HDSDI Output Terminal
9. Main Cable Terminal (Power, CVBS, RS-485)

Image Sensor	1/3 Inch progressive CMOS, 2.1 MP
Total Pixels	2010(H) x 1108(V) / 2,227,080 (Pixel)
Actual Pixels	1944(H) x 1092(V) / 2,122,848 (Pixel)
Scanning System	Progressive Scan (Sync System Internal)
Video Output	HD-SDI / 3G-SDI 1920x1080p (25,29.97,30,50,59.94, 60fps), 1920x1080i (50,59.94,60fps), 1280x720p (50,59.94,60fps) HDMI 1.3 NTSC,PAL Composite(1.0Vp-p ,75ohm) Color Bar Signal
GENLOCK Support Format	1920 x 1080P (25,29.97,30,50,59.94,60fps)
External SYNC Input	ESYNC
External SYNC Output	ESYNC
Horizontal TVL	More than 1000 TVL
Min. Illumination	0.1Lux (F1.2,50 IRE,AGC MAX) / DSS X4:0.01 Lux
S/N Ratio	More than 50dB (AGC Off)
Lens Mount	C, CS
Serial Port	RS-232
ICR (Filter change)	Yes (Option)
Electric Shutter	AUTO/MANUAL (1/30(25) ~ 1/30,000 sec)
Auto White Balance	AUTO / Pushing / Manual (3000K, 5000K, 8000K, R-Gain, B-Gain)
Backlight Compensation	BLC (Off/On)
Digital Noise Reduction	DNR (Off / Low / Middle / High)
Wide Dynamic-Range	WDR (Off / Low / Middle / High)
Mirror Image	MIRROR, FLIP, (Off/On)
Power Supply	DC12V 1.0A
Dimensions (mm)	59(W) x 59(H) x 60(D)
Net weight	280g