

CV365-CGB

Compact Genlock 3G-SDI/HD-SDI/HDMI Camera
(1080p59.94/50/60, 1080i59.94/50/60, 720p59.94/50/60)



PRECAUTIONS

WARNING Do not use the camera if fumes, smoke or a strange odor is emitted from the unit, or if it seems to not function correctly. Disconnect the power source immediately and consult your supplier.

CAUTION Always follow the instructions in the installation guide when applying power. Fire and equipment damage can occur if power is applied incorrectly. For the correct power supply, refer to the specification sheet.

CAUTION Do not install or operate in small, unventilated areas. Heat build up can significantly reduce the performance and operating life of the product and may cause a fire.

CAUTION To prevent damage, do not drop the camera or subject it to strong shock or vibration.

CAUTION If installed close to a TV, radio transmitter, magnet, electric motor transformer or audio speakers the magnetic field generated may interfere with or distort the image.

CAUTION Whether or not the camera is used outdoors, never point it toward the sun. Use caution when operating the camera in the vicinity of spot lights or other bright lights and light reflecting objects.

CAUTION Do not use the camera in extreme environments where high temperatures or high humidity exists. Use the camera under conditions where temperatures are between 14°F ~ 122°F (-10°C ~ 50°C), and humidity is below 90%.

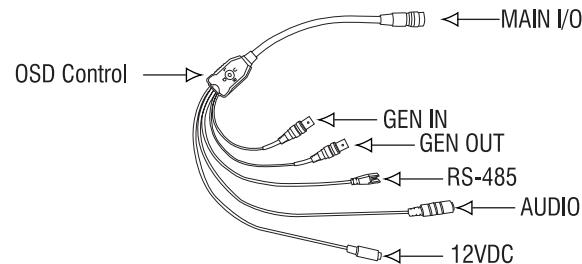
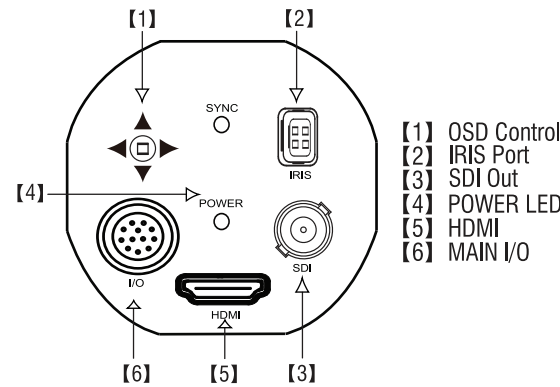
REGULATORY NOTICE

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

FEATURES

1/3" 2.1 Megapixel CMOS Progressive Scan Sensor
SDI (BNC): SMPTE 292M, SMPTE424M
HDMI 1.3 compliant (Embedded Audio)
Tri-level Sync Genlock
Audio Input (Embedded over SDI & HDMI)
0.2Lux (Day Color), 0.1Lux (Night B/W), 0.005Lux (DSS On)
Optical Multi Coated ICR Filter
3D-DNR, Digital Image Stabilizer, Flicker-less, Defog
WDR / BLC, High Light Compensation
Full OSD control & RS-485
12VDC

REAR PANEL & CABLE CONNECTIONS

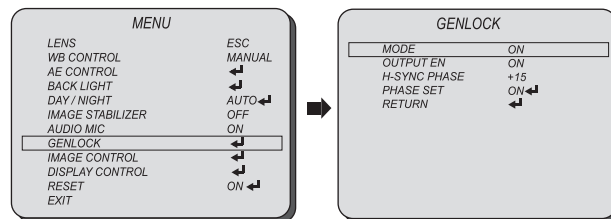


Genlock Reference Connection: Single Camera

1. Go to OSD Control and select GENLOCK>MODE as ON.
2. Connect Tri-Level reference signal into GEN IN.
3. CV365 Camera will reboot.
4. The frame rate and timing will be automatically synchronized with Tri-Level input signal.

Genlock Reference Connection: Multiple Camera

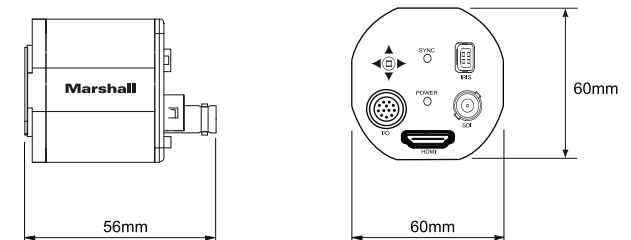
1. Go to OSD Control of the first camera and select GENLOCK>MODE as ON and OUTPUT EN as ON.
2. Connect Tri-Level reference signal from GEN OUT of the first camera into GEN IN of the second camera.
3. The second camera will reboot.
4. The frame rate and timing of the second camera will be automatically synchronized with the Tri-Level signal of the first camera.



SPECIFICATIONS

CV365-CGB		SPECIFICATIONS
Sensor	Image Sensor	1/3" Progressive CMOS (Approx. 2.1 mega)
	Scanning System	16:9 Progressive
	Sync. System	Internal
	Effective Pixel	1920(H) x 1080(V)
	Min. Illumination	0.2Lux (Day), 0.1Lux (Night), 0.005Lux (DSS on)
Optics	Horizontal Resolution	1,000TVL
	Lens	C/CS Mount, DC-IRIS
Functions	Back Light Compensation	WDR/BLC
	Exposure	HLC (High Light compensation)
	White Balance	Auto / Manual
	Day & Night System	Auto (3,000°K~8,000°K) ATW (1,900°K~11,000°K) Manual
Electronic Shutter	AGC / TDN (ICR)	NTSC: 1/30~1/30000 PAL: 1/25~1/30000
	DSS (~X64)	
Functions	Privacy Mask, Image Mirror, 3DNR, Flickerless	
	Sharpness, Defog, DIS (Digital Image Stabilizer) Motion Detection, DSS (Digital Shutter Speed)	
Video Output	SDI (BNC)	SMPTE 292M (1.485Gbps)
		1080p@25/30 or 29.97
		1080i@50/60 or 59.94
		720p@50/60 or 59.94
		720p@25/30
	HDMI (HDMI Type A)	SMPTE 424M (2.97Gbps)
		1080p@50/60 or 59.94
		800mVp-p, 75Ω, Unbalanced Generator (Single-Ended)
		HDMI 1.3 compliant (Embedded Audio)
		1920x1080p@50/60 or 59.94 1920x1080i@50/60 or 59.94 1920x1080p@25/30 or 29.97 1280x720p@50/60 or 59.94 1280x720p@25/30
Audio	LINE level Input	LINE level Input (1Vrms). 2.5V bias Bit Depth: 16,20,24,32Bits. 48KHz sample rates Gain: -12dB ~ 59.5dB
	Genlock	Sync Reference In Tri-Level Sync Reference Loop Out Tri-Level
Control	RS-485	PELCO-P/D, SONY-VISCA Protocol 8Bits Data, 1Stop Bit, No Parity, 2400~115200bps
	General	Operation Temperature
Power Input		12VDC (VDC to 15VDC)
Power consumption		Max 6W
Dimensions (W X H X D)		60 X 60 X 56mm / 2.36 X 2.36 X 2.20Inches
Net Weight	Approx. 180g/0.39Lbs (Without Lens & I/O Cable)	

DIMENSIONS



Design and Specifications are subject to change without notice