

CV612-TBI / TWI

12x Al Auto Track and Framing
PT7 Camera









The CV612-TBI/CV612-TWI 12X optical zoom 3GSDI camera utilizes a professional grade 2.07 Megapixel sensor to capture crisp HD video starting at a Pan rotation of 170 degrees along with a tilt rotation of -90-+90 degees, all in a 1920x1080p resolution. Multiple available outputs include 3GSDI, USB 3.0 and HDMI. Marshall's straight forward design and ease-of-use make this camera an affordable camera for a wide variety of live streams, broadcast, and professional A/V applications for all your streaming applications.

PRODUCT FEATURES

- Accurate auto-track, follow and frame subjects using Al facial learning technology
- 2.07 Megapixel 1/2.8-inch high quality HD CMOS sensor
- Format Resolutions 1920x1080, 1280x720, 640x480
- 3GSDI, HDMI and USB3.0

- 12x optical zoom (4.1~49.2mm)
- H.AOV 6.6°- 70.3°
- Pan rotation 170 degrees, Tilt rotation -90-+90 degees
- Video Interfaces: USB3.0 TYPE-C, 3G-SDI, HDMI, LAN)

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PTZ Camera



BACK

APPLICATIONS

The CV612-TBI/CV612-TWI cameras are suitable for use in networked HD workflows where image quality and versatility are of utmost concern, including live broadcast productions, conferencer rooms, live streaming, online content, courtroom capture, corporate video, government assembly, house of worship and many more.

SPECIFICATIONS

Optical Zoom	>12X, f=4.1~49.2mm
Sensor	>1/2.8-inch-high quality HD CMOS sensor, 2.07 megapixel
Video Output Format	HDMI and SDI: YUY2: YUY2: 1080p 60/59.94/50/30/29.97/25 1920*1080 @60/50/30/25fps 960*540 @30fps 1080i 60/59.94/50 1280*720 @60/50/30/25fps 800*600 @30fps 720*576 @50fps 800*600 @30fps 720*480 @60fps 640*480 @30fps 640*480 @30fps
Viewing Angle	>6.6°- 70.3°
Digital Zoom	>8X
Minimum Illumination	0.5Lux (Fl.8)
White Balance	Auto / Manual/ One Push/ VAR
Focus	>Auto/Manual/One Push
Iris	>Close/F11/9.6/8.0/6.8/5.6/4.8/4.0/3.4/2.8/2.4/2.0/1.8
Electronic Shutter	Auto/Manual (1/60, 1/90, 1/100, 1/125, 1/180, 1/250, 1/350, 1/500, 1/725, 1/1000, 1/1500, 1/2000, 1/3000, 1/4000, 1/6000, 1/10000)
BLC	>ON/OFF
Video Adjustment	Brightness, Hue, Saturation, Contrast, Sharpness, NB/W mode
SNR	≥50dB
Video Interfaces	USB3.0 TYPE-C, 3G-SDI, HDMI, LAN
Video Compression Format	USB3.0: YUY2 LAN: MJPEG, H264, H265
Audio Input	Two-channel 3.5mm line input
Network Protocol	RTSP, RTMP, SRT, ONVIF; VISCA over IP control
Control Interface	RS232
Control Protocol	VISCA/Pelco-D/Pelco-P; Baud Rate: 115200/38400/9600/4800/2400
Power Interface	HEC3800 outlet (DC12V)
Supply Adapter	AC110V-AC220V to DC12V/2A
Input Voltage	DC12V±10%
Input Current	1.25A
Pan Rotation	>±170°
Tilt Rotation	>-90°~+90°
Pan Control Speed	0.1-65°/sec
Tilt Control Speed	0.1-35°/sec
Preset Speed	>Pan: 60°/sec, Tilt: 30°/sec
Preset Number	255 presets (10 presets by remote controller)
Store Temperature	-10° C~+70° C
Store Humidity	20% ~ 90%
Working Temperature	-10° C~+50° C
• .	20% ~80%
Working Humidity	2076 "0076

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