

Marshall

BROADCAST & PRO AV

CV620-BI2W12

20X Full-HD60 IP PTZ Camera



OVERVIEW

The **Marshall CV620-BI2/WI2** features a 20x optical zoom range and flexible IP, 3GSDI, USB, and HDMI simultaneous outputs with clear Full-HD images up to 1920x1080p at 60fps. Remote adjust and match settings include Iris, Zoom, Pan/Tilt, White Balance, Exposure, Pedestal, and many more over long distances via IP, VS-PTC-300 controller, Video Management Software (VMS), Software GUI, OBS Plugins/Docks, vMix and compatible 3rd party control decks.



PRODUCT FEATURES

- 2 Megapixel Full-HD Sensor (Sony 1/2.8")
- 20x Optical zoom (5.3mm~110mm) starting at 60° H.AOV
- 340° pan and 120° tilt range with various PT selectable speeds
- 3GSDI, HDMI, USB, and IP (H.264) available outputs
- IP formats: DHCP, DNS, HTTP, HTTPS, IPv4, NTP, RTSP, TCP, SRT, MPEG-TS, RTMP, RTMPS
- Full-HD: 1920x1080p, 1920x1080i (interlaced) and 1280x720p 60, 59.94, 50, 29.97, 25 frames per second
- 3.5mm TRS Stereo Audio (Mic/Line)
- 12V Power cable included (16W max) or PoE+ (18W max)
- Operating Temp: 0 to 40°C, Storage Temp: -20 to 60°C
- Free-D protocol support and CGI protocol commands

SPECIFICATIONS

Sensor	SONY IMX327
Video Format	1080p/60, 1080p/30 1080p/50, 1080p/25 720p/60, 720p/30 720p/50, 720p/25
Video Output (HD) Interface	3G-SDI/ HDMI/ Ethernet/USB
Optical Zoom	20X max
Horizontal Viewing Angle	Wide=57° (+/-5%) Tele ~3.7° (+/-5%)
Panning Angle	+/-170°
Panning Speed	225°/sec
Tilting Angle	-30°~+90°
Tilting Speed	225°/sec
Aperture	Fno1.6~Fno3.8
Focal Length (lens spec)	5.33~110 mm
Shutter Speed	1/25 to 1/10,000
Minimum Object Distance	∞~1.5m
Focus System	Auto/ Manual/ Smart AF(TBD)
Gain Control	Auto / Manual
White Balance	Auto / Manual
Exposure Control	Auto / Manual
WDR	Yes
3D NR	Yes

Image Flip	Yes
Preset Positions	128
Control Interface	VISCA/ VISCA over IP/ Onvif/ Webpage/ IR Remote
Control Protocol	VISCA/ VISCA IP/ ONVIF/ UVC/HTTP CGI command/UAC
Tally Light	Yes
PoE	IEEE 802.3af(PoE)
Video Stream	HTTP, RTSP, RTMP, RTP, TCP, UDP, SRT, MPEG-TS, ONVIF, Multicast, RTMPS, ONVIF (Profile S) can support Windows 10
Video Compression	H264: 25/30/50/60 fps 1080p /720p MJPEG 1080p 30/15 fps
Audio Input	Line in/ Mic in
Audio Output	Ethernet / SDI / HDMI/USB
IR Pass-through	No
IR Receiver	Yes
IR Remote Control	Yes
Weight	1.9 Kg
Dimensions	181(L)x195(H)x174(W)
Operating Temperature	0~40°C
Storage Temperature	-20°C ~ +60°C