

Marshall

BROADCAST & PRO AV

CV730-BHN-WHN

30X UHD60 NDI PTZ Camera



OVERVIEW

Marshall **CV730-BHN** PTZ cameras feature 9.2 million-pixel Sony sensors with a long 30x optical zoom range and flexible simultaneous 12GSDI & HDMI outputs along with networkable full-NDI®, NDI|HX3, NDI|HX2, IP (HEVC), SRT and other common IP codecs. The crystal-clear UHD (4K) images up to 3840x2160p at 60fps offers a flexible professional camera source to any production. Full NDI® delivers the lowest latency, highest quality, frame-accurate video, and audio in real time to IP workflows. NDI®5.5 and other NDI|Tools opens the ability to integrate more video devices and applications into your production workflow. Also, ability to Genlock the SDI signals via Black Burst or Tri-Level Sync and optional USB3.0 workflow.



PRODUCT FEATURES

- 9.2 million pixel UHD Sensor (1/1.8") with Sony square pixel array
- 30x Optical zoom (6.5mm~202mm) starting at 65° H.AOV
- Smart Auto-Focus AI System ensures faces and eyes stay in focus at all times
- 340° pan & 120° tilt range with select-able transition speeds (5~300° per second)

SPECIFICATIONS

Sensor	Sony IMX334 1/1.8 inch
Video Format	Resolution: 4K/1080p/720p
	Frame Rate: 59.94/50/29.97/25
Video Output Interface	HDMI, Ethernet, 12G-SDI, 3G-SDI, USB 3.0
Optical Zoom	30x lens
Horizontal Viewing Angle	63° (Wide) to 3° (Tele)
Panning Angle	+/-170°
Panning Speed	160 °/sec
Tilting Angle	-30 °~+90°
Tilting Speed	160 °/sec
Aperture	F1.6~F18
Focal Length (lens spec)	6.5mm~202mm
Shutter Speed	1/1 to 1/10,000 s
Minimum Object Distance	1.5M
Focus System	Auto/Manual
Gain Control	0~45db
White Balance	Auto/Manual
Exposure Control	Auto/Shutter priority/Iris priority/Manual
WDR	Yes
3D NR	Yes

- 12GSDI, 3GSDI, HDMI2.0, NDI|HB, NDI|HX3 or IP (SRT/HEVC)
- 3840x2160p (UHD), 1920x1080p (HD), 1920x1080i and 1280x720p
- All framerates have access to 59.94, 50, 29.97, 25fps framerates
- 3.5mm TRS Stereo Audio over I/O cable (Mic/Line)
- 12V Power Supply included (30W max) and PoE++
- Low-light performance – 0.05 lux (F1.6, 50IRE)

Image Flip	Off/Mirror/Flip/Mirror+Flip
Preset Positions	256
Control Interface	VISCA/ VISCA over IP/ Onvif/ Webpage/ IR Remote/ USB
Control Protocol	ONVIF, VISCA, PELCO D
Tally Light	Yes
PoE	POE++, IEEE 802.3bt
Video Stream	A Group: RTSP / RTMP / RTMPS / SRT / MPEG-TS
	B Group: NDI HX
	C Group: High Bandwidth NDI
	Output mode: A+C or B+C
Video Compression	HEVC/ H.264/ MJPEG
Audio Input	MIC/ Line In
Audio Output	Ethernet / 12G-SDI / HDMI2.0 / USB 3.0
IR Pass-through	Yes
IR Receiver	Yes
IR Remote Control	Yes
Power Consumption	DC: <39W PoE: <40W
Weight	2.9Kg
Dimensions	188mmx189mmx233mm