

Marshall

BROADCAST & PRO AV

CV730-ND3-ND3W

30x UHD60 NDI|HX3 PTZ Camera



OVERVIEW

Marshall CV730-ND3 PTZ cameras feature a nine (9) million-pixel sensor with a long 30x optical zoom range and flexible simultaneous 12GSDI and HDMI outputs with NDI®|HX3 and USB3 capability. The crystal-clear UHD (4K) images up to 3840x2160p at 60fps offers a professional camera source to any production. NDI®|HX3 delivers low latency, high quality, frame-accurate video, and audio in real time to IP workflows. NDI®5.5 and NDI|Tools opens the ability to integrate more video devices and applications into your production workflow.



PRODUCT FEATURES

- 9.2 Megapixel Sony UHD sensor (1/1.8")
- 30x optical zoom (6.5mm~202mm) starting at 65° H.AOV
- Smart Auto-Focus System; AI-enabled focus ensures faces stay in focus
- 340° pan & 120° tilt range with select-able transition speeds (5~300° per second)

SPECIFICATIONS

Sensor	1/1.8" 9.17 MP CMOS (Sony IMX334)
Video Format	2160p: 59.94 / 50 / 29.97 / 25 1080p: 59.94 / 50 / 29.97 / 25 1080i: 59.94 / 50 720p: 59.94 / 50
Video Output (HD) Interface	12G-SDI, HDMI2.0, Ethernet, USB3.0
Optical Zoom	30x
Horizontal Viewing Angle	63° (Wide) to 3.7° (Tele)
Panning Angle	+170 ~ 170°
Panning Speed	300°/sec
Tilting Angle	+90 ~ -30°
Tilting Speed	300°/sec
Aperture	F1.6 ~ F4.8
Focal Length (lens spec)	6.5~202(mm)
Shutter Speed	1/1 ~ 1/10,000 sec
Minimum Object Distance	1.5m (Wide/Tele)
Focus System	Auto / Manual / Smart AF
Gain Control	Auto, manual
White Balance	Auto, manual
Exposure Control	Auto, manual

- 12G/6G/3G-SDI, HDMI2.0, USB3.0 and NDI®|HX3 simultaneous outputs
- 3840x2160p (UHD), 1920x1080p (HD), 1920x1080i (HD) & 1280x720p
- 59.94, 50, 29.97, 25fps options up to 4K60 and HD60
- 3.5mm TRS Stereo Audio over I/O cable (Mic/Line)
- 12V Power Supply included and PoE++ (IEEE802.3bt)
Min. Illumination - 0.05 lux (F1.6, 50IRE, 30fps)

WDR	Yes
3D NR	Yes
Image Flip	Yes
Preset Positions	256
Control Interface	RS-232 / RS-422 / Ethernet / USB 3.0 / Remote
Control Protocol	VISCA / VISCAIP / PELCO D / NDI / UVC
Tally Light	Yes
IP Protocol	NDI HX2/NDI HX3 / RTSP / RTMP / RTMPS / MPEG-TS / SRT
PoE	PoE++ (IEEE802.3bt)
Video Stream	NDI: HEVC 4K59.94fps H.264 640x360 29.97fps or RTSP: HEVC 4K 59.94fps H.264 1080p 59.94fps H.264 640x360 29.97fps
Video Compression	HEVC / H.264
Audio Input	Line In/MIC In, Phone Jack 3.5mm x1