



VC-TR60

4K AI Auto-Tracking Camera



4K
SENSOR



12X
ZOOM



WIDE
ANGLE



AUTO
TRACKING

Lumens VC-TR60 is versatile PTZ camera with an UltraHD sensor. Its ultra-wide lens features a 12x zoom giving it incredible flexibility. The camera includes auto-tracking and framing modes to enable autonomous operation and features simultaneous quad-port video out.

Key Features

- 4K 60fps
- 12x Optical Zoom HFOV 81°
- AI-based Human Detection
- HDMI, Ethernet, 3G-SDI, USB output



12x optical zoom

Wide-Angle UltraHD

Featuring an 81° horizontal frame of view, VC-TR60 can shoot as wide as a webcam. Its 12x optical zoom means that it can focus tight, with the 4K sensor picking out every detail.



Tracking and Framing Modes

VC-TR60 features sophisticated auto-tracking and framing modes. Its intelligent human detection algorithms deliver smooth tracking for conferences, presentations, meeting rooms, classrooms and studios.



Quad Video Output

The camera delivers video over HDMI and SDI, making it suitable for AV and video workflows. Its USB video output is compatible with most VC / UC platforms and the Ethernet port is optimized to stream video over IP.



Flexible Mounting

Install VC-TR60 upright or suspended from the ceiling using Lumens' dedicated mounts.

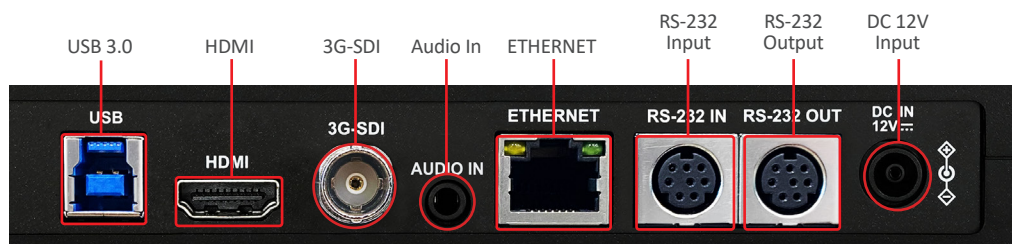


Product Specifications

PTZ Camera	
Sensor	1 / 2.8" 8.6M
Video Format	2160p : 59.94 / 50 / 29.97 / 25 1080p : 59.94 / 50 / 29.97 / 25 720p : 59.94 / 50 / 29.97 / 25 1080i : 59.94 / 50
Video Output (HD) Interface	HDMI, Ethernet, 3G-SDI, USB
Optical Zoom	12x
Sensor Zoom	2x
Digital Zoom	8x
Horizontal Viewing Angle	81°
Vertical Viewing Angle	50°
Diagonal Viewing Angle	90°
Aperture	F1.8 ~ F3.6
Focal Length	3.4 ~ 43.3 mm
Shutter Speed	1 / 25 ~ 1 / 10,000 sec
Minimum Object Distance	Tele :1m / Wide : 0.1m
Video S / N Ratio	> 50dB
Minimum Illumination	1 lux (F1.8, 50IRE, 30fps)
Focus System	Auto, manual
Gain Control	Auto, manual
White Balance	Auto, manual
Exposure Control	Auto, manual
WDR	Yes
3D NR	Yes
Image Flip	Yes
Auto Tracking	Yes
Auto Framing	Yes
Pan & Tilt	
Panning Angle	+170 ~ -170°
Panning Speed	0.1°~100° / sec
Tilting Angle	+90 ~ -30°
Tilting Speed	0.1° / s ~ 60° / sec
Preset Positions	256

Output	
HDMI / 3G-SDI	2160p60 / 1080p60
IP Stream	Main : 2160p60 Second : 480p30
IP Compression	H.264/ HEVC(H.265)
USB Output	2160p30
USB Compression	H.264 / MJPEG / NV12
Network	
IP Protocol	HTTP/ RTSP / RTMP / RTMPS / SRT
PoE	PoE+ (IEEE802.3at)
Audio	
Audio Input	Line In
Audio Output	Ethernet / USB / HDMI / SDI
Audio Compression Format	AAC / PCM
Camera Control	
Interface	RS-232 / Ethernet / USB
Protocol	VISCA / ONVIF
UVC	Yes
UAC	Yes
General	
DC In	12V + / - 20%
Power consumption	PoE : 15W DC In : 14W
Body Color	Black / White
Weight	3.3lbs (1.5kg)
Dimension	7.5" x 7.3" x 5.7" (190 × 185 × 144 mm)

I/O Connections



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