Lumens®

VC-TR60 Dante AV-H

4K Dante AV-H AI Auto-Tracking Camera

DANTE AV-H | 12X ZOOM | WIDE ANGLE | AUTO TRACKING

Lumens VC-TR60 is versatile 4K PTZ camera with Dante AV-H built-in. 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
- Dante AV-H, HDMI, Ethernet, 3G-SDI and USB output
- 12x Optical Zoom HFOV 81°
- AI-based Human Detection

Dante AV-H

Dante AV-H provides easy-to-use discovery, connectivity and manageability while using reliable, low-latency H.264 codecs. The standard enables high quality video output and integration with familiar Dante workflows.

Wide-Angle UltraHD

Featuring an 81° horizontal frame of view, VC-TR60 Dante AV-H 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 Dante AV-H features sophisticated auto-tracking and framing modes. Its intelligent facial recognition 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.

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
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 : 1080p30
IP Compression	H.264
USB Output	2160p30
USB Compression	H.264 / MJPEG / YUY2 / NV12
Network	
IP Protocol	HTTP/ RTSP / RTMP / RTMPS / SRT / Dante AV-H
PoE	PoE+ (IEEE802.3at)
Audio	
Audio Input	Line In
Audio Output	Ethernet / USB / HDMI / SDI
Audio Compression Format	USB : PCM
Camera Control	
Interface	RS-232 / Ethernet / USB
Protocol	VISCA / PELCO D / 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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