



VC-TR32

HD Dual Lens 12x Auto Tracking Camera

• INTRODUCTION

VC-TR32 is a cost-effective and feature-packed HD PTZ camera with AI-based auto-tracking and auto-framing. Video is delivered simultaneously from the HDMI, USB and IP ports.

Power is supplied by a DC adapter or by PoE (Power over Ethernet). With its 12x zoom, the VC-TR32 is highly adaptable and is suitable for meeting rooms, teaching spaces, live events and video studios.



• KEY FEATURES

- AI-powered human detection with auto-framing and motion-tracking
- RTSP, RTMP and SRT streaming protocols
- Simultaneous output via HDMI, USB and IP
- 1080p 60fps video with 12x optical zoom
- Ultra-quiet PTZ motors for smooth, accurate movement
- PoE for power, video, audio, and control over a single Ethernet cable
- Wide-angle lens for flexible framing in small to large rooms
- Preset position support for quick recall of camera viewpoints
- Remote configuration and firmware upgrade via web UI
- Mount upright or inverted with standard mounting accessories



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OUR MISSION

"Your Success, Our Focus"

Helping our customers grow and creating value for them is at the core of Lumens' philosophy – and that's why your success is always our focus.

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• SPECIFICATIONS

PTZ Camera	
Sensor	1/2.8" 2.16M
Video Format	1080p60 1080p50 1080p30 1080p25 720p60 720p50
Video Output (HD) Interface	HDMI / Ethernet / USB 3.0
Optical Zoom	12x
Digital Zoom	12x
Horizontal Viewing Angle	72.5°
Vertical Viewing Angle	40.8°
Diagonal Viewing Angle	83.2°
Aperture	F1.8 ~ F3.0
Focal Length	f=4.1mm ~ 47.8mm
Shutter Speed	1/25 ~ 1/10,000 sec
Minimum Object Distance	Wide = 1000mm , Tele = 1500mm
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	Everywhere Stage Partition
Auto Framing	Everywhere Partition
Gesture Control	Yes
Panoramic Camera	
Sensor	1/2.8" 2MP CMOS
Video Format	720p30

Horizontal Viewing Angle	87°
Vertical Viewing Angle	49°
Pan & Tilt	
Panning Angle	+170 ~ -170°
Panning Speed	0.2~120°/sec
Tilting Angle	+90 ~ -30°
Tilting Speed	0.2~80°/sec
Preset Positions	256
Output	
HDMI/3G-SDI	1080p 60
IP Stream	PTZ Camera Main : 1080p 60 Second : 720p 30 Panoramic Camera : 720p30
IP Compression	H.264
USB Output	1080p30
USB Compression	MJPEG
Network	
IP Protocol	HTTP/ RTSP/ RTMP/ RTMPS/ SRT
PoE	Yes(IEEE802.3af)
Audio	
Audio Input	Line In/MIC In
Audio Output	Ethernet / USB 3.0 / HDMI
Audio Compression Format	AAC/PCM
Camera Control	
Interface	RS-232/422(RJ-45) / Ethernet / USB 3.0
Protocol	VISCA / ONVIF
UVC	Yes
UAC	Yes
General	
DC In	12V +/- 20%
Power Consumption	PoE: 11W DC In: 10W
Body Color	Black / White
Weight	3.3lbs (1.5 kg)
Dimension	7.5" x 7.3" x 5.4" (190 x 185 x 138 mm)

• I/O CONNECTIONS

