



VC-TR1

Auto-Tracking Camera



The Lumens® VC-TR1 Auto-Tracking camera is capable of tracking a target automatically and continuously. Equipped with dual cameras – a PTZ camera and a secondary panoramic camera, the VC-TR1 guarantees consistent tracking performance. The smart switching function allows the VC-TR1 to automatically switch the view between two cameras during tracking whether the tracked target is moving or has stopped moving. These innovative functions can help build your video production automation.

The VC-TR1 comes with a professional FHD image sensor and 20x optical zoom providing a vivid Full HD 1080p output resolution. It supports PoE+ and IP streaming simplifying an AV integration. It is applicable for lecture capture, corporate training, house of worship, and any stage setting environments.

Key Features

- Auto tracking and smart switching
- Full HD 1080p 60fps with 20x optical zoom
- HDMI, 3G-SDI, IP and USB video outputs
- Supports PoE+ (Power over Ethernet)
- Supports RTSP / RTMP / RTMPS and HEVC(H.265) / H.264 / MJPEG video compression



Applications

- The presenter is free to walk around without wearing any tracking devices
- The camera can live stream to YouTube and Facebook synchronously
- No need for a camera operator to control camera



Lecture Capture



Corporate Training



Events



House of Worship

Product Specifications

Sensor	PTZ Camera: 1/2.8" 2.13MP CMOS Panoramic Camera: 1/2.5" 8.57MP CMOS	White Balance	Auto / Manual
Video Format	Resolution: 1080p / 720p Frame Rate : 60 / 50 / 30 / 25	Exposure Control	Auto / Manual
Video Output (HD) Interface	HDMI / SDI / Ethernet / USB2.0	WDR	Yes
Optical Zoom	20x	3D NR	Yes
Digital Zoom	12x	Preset Positions	256
PTZ Camera Viewing Angle	58.7° (H) 45° (V) 71° (D)	Multiple Video Stream	1 x PTZ Camera Main Stream 1 x Panoramic Camera Main Stream 1 x PTZ Camera Sub Stream
Panoramic Camera Viewing Angle	100° (H) 80° (V) 112° (D)	Control Interface	RS-232 / Ethernet
Panning Angle	+90 ~ -90°	Control Protocol	VISCA / VISCA over IP
Panning Speed	0.1° ~ 100°/sec	PoE	PoE+ (IEEE802.3at)
Tilting Angle	+90 ~ -30°	Video Stream	RTSP / RTMP / RTMPS
Tilting Speed	0.1° ~ 80°/sec	Video Compression	HEVC(H.265) / H.264 / MJPEG
Auto-Tracking	Yes	Audio Input	Line In, Phone Jack 3.5mm x1
Auto-Framing	Yes	Audio Output	Ethernet / USB
Auto-Switching	Yes	IR Receiver	Yes
Aperture	F1.6 ~ F3.5	IR Remote Control	Yes
Focal Length	4.9mm ~ 94mm	DC In	12V
Shutter Speed	1/60 ~ 1/10,000	Power Consumption	Max 21W
Minimum Object Distance	500mm	Weight	3.1lbs (1.4 kg)
Video S/N Ratio	> 40dB	Dimensions	9.6" x 5.7" x 6.5" (245 × 145 × 165 mm)
Minimum Illumination	1.0Lux @ (F1.6, AGC ON)		
Focus System	Auto / Manual		
Gain Control	Auto / Manual		

I/O CONNECTIONS



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*The warranty policy may be different depending on the sales region, please contact your local salesperson.