



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 A/V 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.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

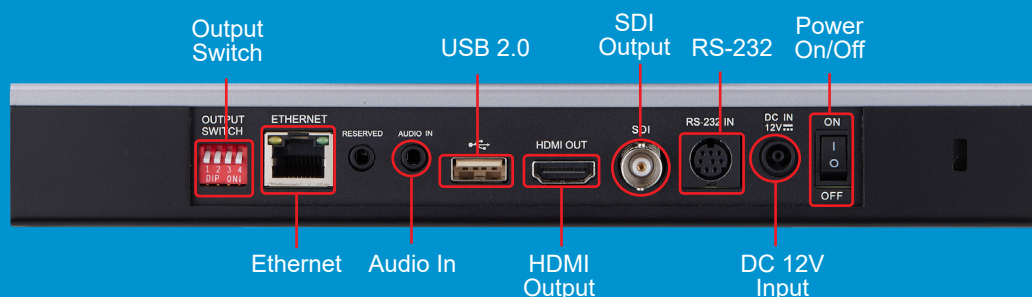


House of Worship

Product Specifications

PTZ camera		Tilting Angle	-30°~+90°
Sensor	1/2.8" 2M CMOS	Tilting Speed	80°/ sec
Max Resolution	1080p 60fps	Preset Positions	256
Viewing Angle	71°	Video Output	
Optical Zoom	20x	Interface	HDMI, SDI, Ethernet, USB
Digital Zoom	12x	Resolution	1080p/60, 1080p/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25
Focus	Auto / Manual	Video Stream	
Exposure	Auto / Manual / Shutter Pri / IRIS Pri / Bright Pri	Video Compression	HEVC / H.264 / MJPEG
White Balance	Auto / Manual / ATW / One push / Indoor / Outdoor	Audio Compression	AAC
Noise Reduction	2D / 3D NR	Streaming Protocol	RTSP / RTMP/ RTMPS
Minimum Illumination	1.0 lux @ (F1.6, AGC ON)	Multiple Streams	PTZ camera main stream Panoramic camera main stream PTZ camera sub stream
Video Adjustment	Sharpness, Brightness, Contrast, Gamma, 2D NR, 3D NR, WDR	Control	
Color Adjustment	R gain, G gain, B gain, Saturation, Hue	Remote Control	IR, Distance:7 meters, Angles: ±45°
Panoramic camera		Software	Lumens CMS
Sensor	1/2.5" 8.57M 4K CMOS	Control Protocol	VISCA, VISCA over IP
Max Resolution	1080p 30fps	Control Interface	RS-232 / Ethernet
Viewing Angle	112°	General	
Focus	f = 2.8 mm	Power Supply	DC 12V
Exposure	Auto	Power Consumption	Max 21W
White Balance	Auto	Power Frequency	60Hz / 50Hz
Noise Reduction	2D / 3D NR	Weight	3.1lbs (1.4Kg)
Robotic Pan tilt		Dimensions	9.6" x 5.7" x 6.5" (245 × 145 × 165 mm)
Panning Angle	-90°~+90°		
Panning Speed	100°/ sec		

I/O CONNECTIONS



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