



## 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

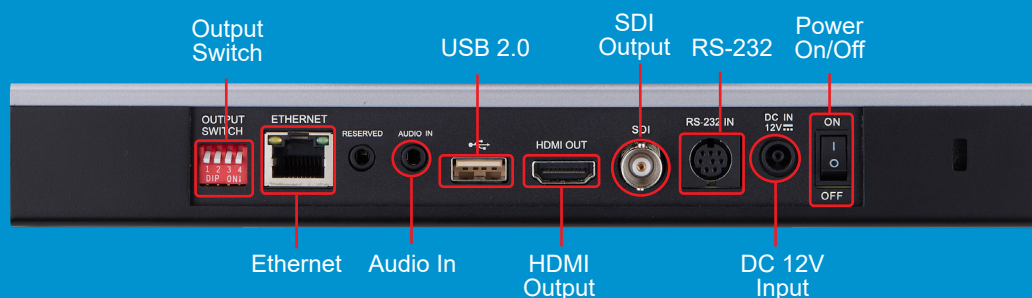


House of Worship

# Product Specifications

<b>Sensor</b>	PTZ Camera: 1/2.8" 2.13MP CMOS Panoramic Camera: 1/2.5" 8.57MP CMOS	<b>White Balance</b>	Auto / Manual
<b>Video Format</b>	Resolution: 1080p / 720p Frame Rate : 60 / 50 / 30 / 25	<b>Exposure Control</b>	Auto / Manual
<b>Video Output (HD) Interface</b>	HDMI / SDI / Ethernet or USB2.0	<b>WDR</b>	Yes
<b>Optical Zoom</b>	20x	<b>2D NR</b>	Yes
<b>Digital Zoom</b>	12x	<b>3D NR</b>	Yes
<b>PTZ Camera Viewing Angle</b>	58.7° (H) 71° (V) 45° (D)	<b>Preset Positions</b>	256
<b>Panoramic Camera Viewing Angle</b>	100° (H) 112° (V) 80° (D)	<b>Multiple Video Stream</b>	1 x PTZ Camera Main Stream 1 x Panoramic Camera Main Stream 1 x PTZ Camera Sub Stream
<b>Panning Angle</b>	+90 ~ -90°	<b>Audio Compression Format</b>	AAC
<b>Panning Speed</b>	100°/sec	<b>Control Interface</b>	RS-232 / Ethernet
<b>Tilting Angle</b>	+90 ~ -30°	<b>Control Protocol</b>	VISCA / VISCA over IP
<b>Tilting Speed</b>	80°/sec	<b>PoE</b>	PoE+ (IEEE802.3at)
<b>Auto-Tracking</b>	Yes	<b>Video Stream</b>	RTSP / RTMP / RTMPS
<b>Auto-Switching</b>	Yes	<b>Video Compression</b>	HEVC(H.265) / H.264 / MJPEG
<b>Aperture</b>	F1.6 ~ F3.5	<b>Audio Input</b>	Line In (Phone Jack 3.5mm x1)
<b>Focal Length</b>	4.9mm ~ 94mm	<b>Audio Output</b>	Ethernet / USB
<b>Shutter Speed</b>	1/60 ~ 1/10,000	<b>IR Receiver</b>	Yes
<b>Minimum Object Distance</b>	500mm	<b>IR Remote Control</b>	Yes
<b>Video S/N Ratio</b>	> 40dB	<b>DC In</b>	12V
<b>Minimum Illumination</b>	1.0Lux @ (F1.6, AGC ON)	<b>Power Consumption</b>	PoE: 17W DC In: 16W
<b>Focus System</b>	Auto / Manual	<b>Weight</b>	3.1lbs (1.4 kg)
<b>Gain Control</b>	Auto / Manual	<b>Dimensions</b>	9.6" x 5.7" x 6.5" (245 x 145 x 165 mm)

## I/O CONNECTIONS



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