



## 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.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



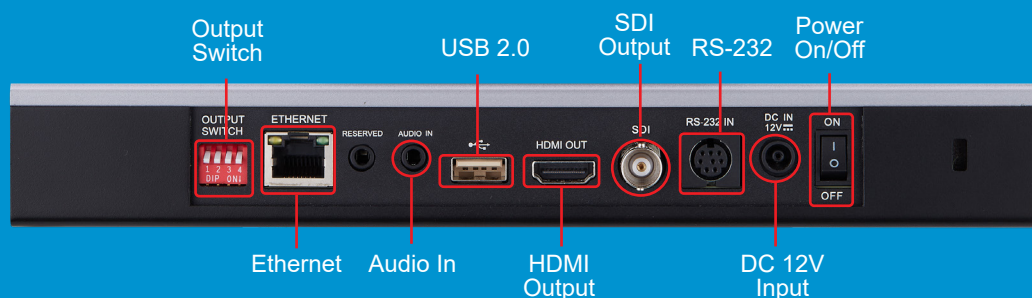
House of Worship

# Product Specifications

<b>Sensor</b>	PTZ Camera: 1/2.8" 2.13MP CMOS Panoramic Camera: 1/2.5" 8.57MP CMOS
<b>Video Format</b>	Resolution: 1080p / 720p Frame Rate : 60 / 50 / 30 / 25
<b>Video Output (HD) Interface</b>	HDMI / SDI / USB2.0 / Ethernet
<b>Optical Zoom</b>	20x
<b>Digital Zoom</b>	12x
<b>Viewing Angle</b>	PTZ Camera: 71° Panoramic Camera: 112°
<b>Panning Angle</b>	+90 ~ -90°
<b>Panning Speed</b>	100°/sec
<b>Tilting Angle</b>	+90 ~ -30°
<b>Tilting Speed</b>	80°/sec
<b>Auto-Tracking</b>	Yes
<b>Auto-Switching</b>	Yes
<b>Aperture</b>	F1.6 ~ F3.5
<b>Focal Length</b>	4.9mm ~ 94mm
<b>Shutter Speed</b>	1/60 ~ 1/10,000
<b>Minimum Object Distance</b>	500mm
<b>Video S/N Ratio</b>	> 40dB
<b>Minimum Illumination</b>	1.0Lux @ (F1.6, AGC ON)
<b>Focus System</b>	Auto / Manual
<b>Gain Control</b>	Auto / Manual
<b>White Balance</b>	Auto / Manual

<b>Exposure Control</b>	Auto / Manual
<b>WDR</b>	Yes
<b>2D NR</b>	Yes
<b>3D NR</b>	Yes
<b>Preset Positions</b>	256
<b>Multiple Video Stream</b>	1 x PTZ Camera Main Stream 1 x Panoramic Camera Main Stream 1 x PTZ Camera Sub Stream
<b>Audio Compression Format</b>	AAC
<b>Control Interface</b>	RS-232 / Ethernet
<b>Control Protocol</b>	VISCA / VISCA over IP
<b>PoE</b>	PoE+ (IEEE802.3at)
<b>Video Stream</b>	RTSP / RTMP / RTMPS
<b>Video Compression</b>	HEVC / H.264 / MJPEG
<b>Audio Input</b>	Line In (Phone Jack 3.5mm x1)
<b>Audio Output</b>	Ethernet / USB
<b>IR Receiver</b>	Yes
<b>IR Remote Control</b>	Yes
<b>DC In</b>	12V
<b>Power Consumption</b>	PoE: 17W DC In: 16W
<b>Weight</b>	3.1lbs (1.4 kg)
<b>Dimensions</b>	9.6" x 5.7" x 6.5" (245 x 145 x 165 mm)

## I/O CONNECTIONS



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