Lumens®

VC-TR1
Auto-Tracking Camera

FHD 1080p | 20x | PoE+

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
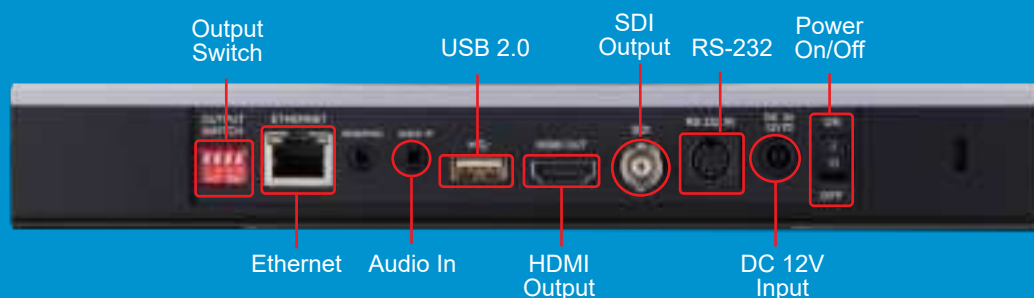
Lecture Capture   **Corporate Training**   **Events**   **House of Worship**

Product Specifications

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

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

I/O CONNECTIONS

Output Switch · Ethernet · USB 2.0 · Audio In · HDMI Output · SDI Output · RS-232 · DC 12V Input · Power On/Off