

Lumens[®]
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VC-TR1

Auto-Tracking PTZ Camera



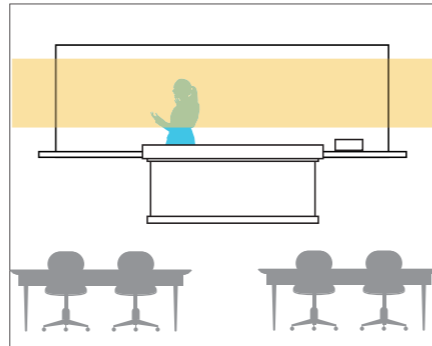
The PTZ Camera That Tracks It All

Automate live and on-demand video production and streaming for lecture capture, corporate training, house of worship and presentations.

Intelligent Auto Tracking Mode

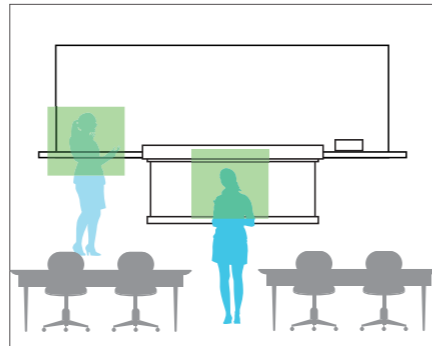
Stage Tracking

Focuses on a presenter standing on a stage or behind a lectern and tracks the speaker's movement across the stage area.



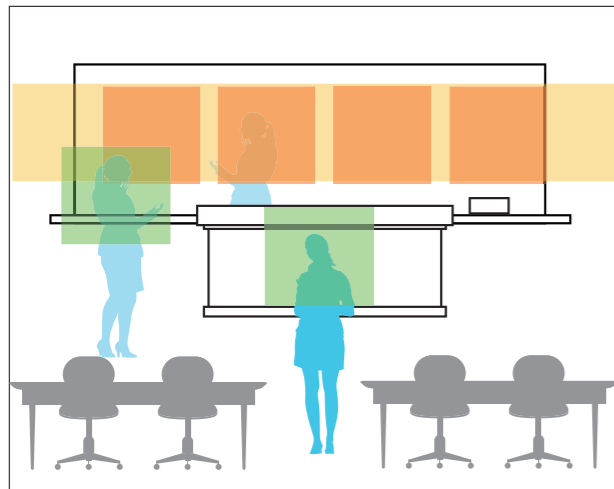
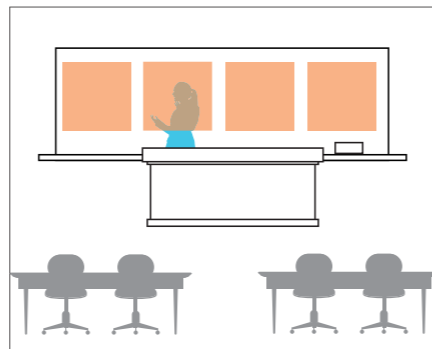
Everywhere Tracking

With this mode, the camera will follow the speaker even if they leave the stage to interact with the audience. The system will maintain the tracking even if the speaker is obscured by other people.



Partition Tracking

Creates up to four preset zones to allow a presenter to move in a specific area. The camera will capture both the content on the display and the presenter.



Super Tracking

This mode intelligently combines all of the modes above, enabling the speaker to present formally or interact with panelists and the audience.

Smart Self-Switching

The VC-TR1 combines a PTZ camera and a fixed 112° panoramic camera. With this design, it can capture an entire view and track a speaker simultaneously. The device can switch instantly between the two cameras. Audiences see not only a presenter but also the content on a whiteboard or presentation material.



Outstanding Video with 20x Optical Zoom

The lens of the VC-TR1 provides an incredible 20x optical zoom. It delivers brilliantly clear video, and exceptional optical accuracy at 1080p resolution.

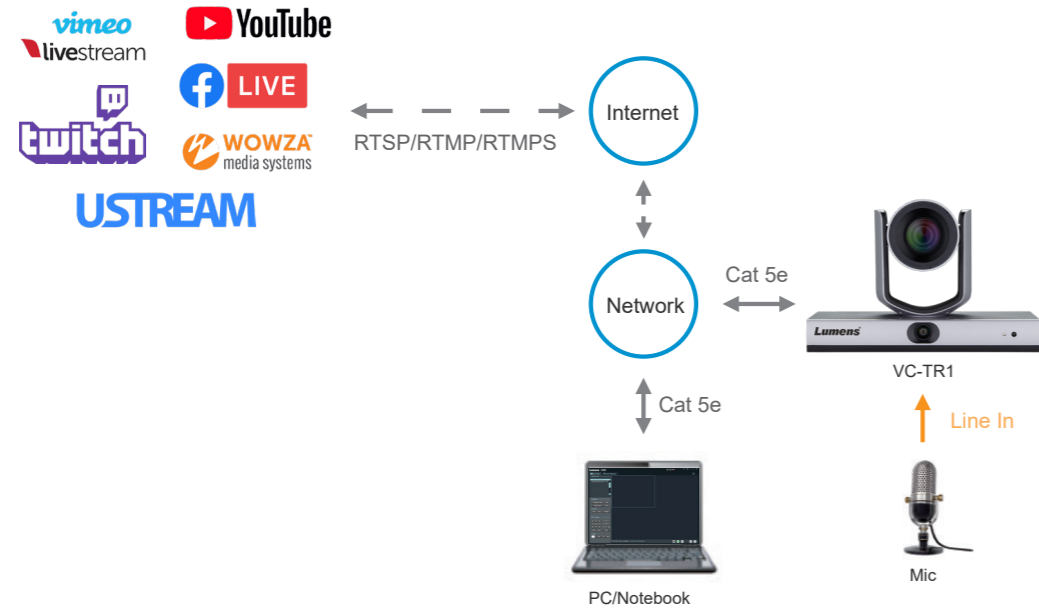


Easy Installation Solution

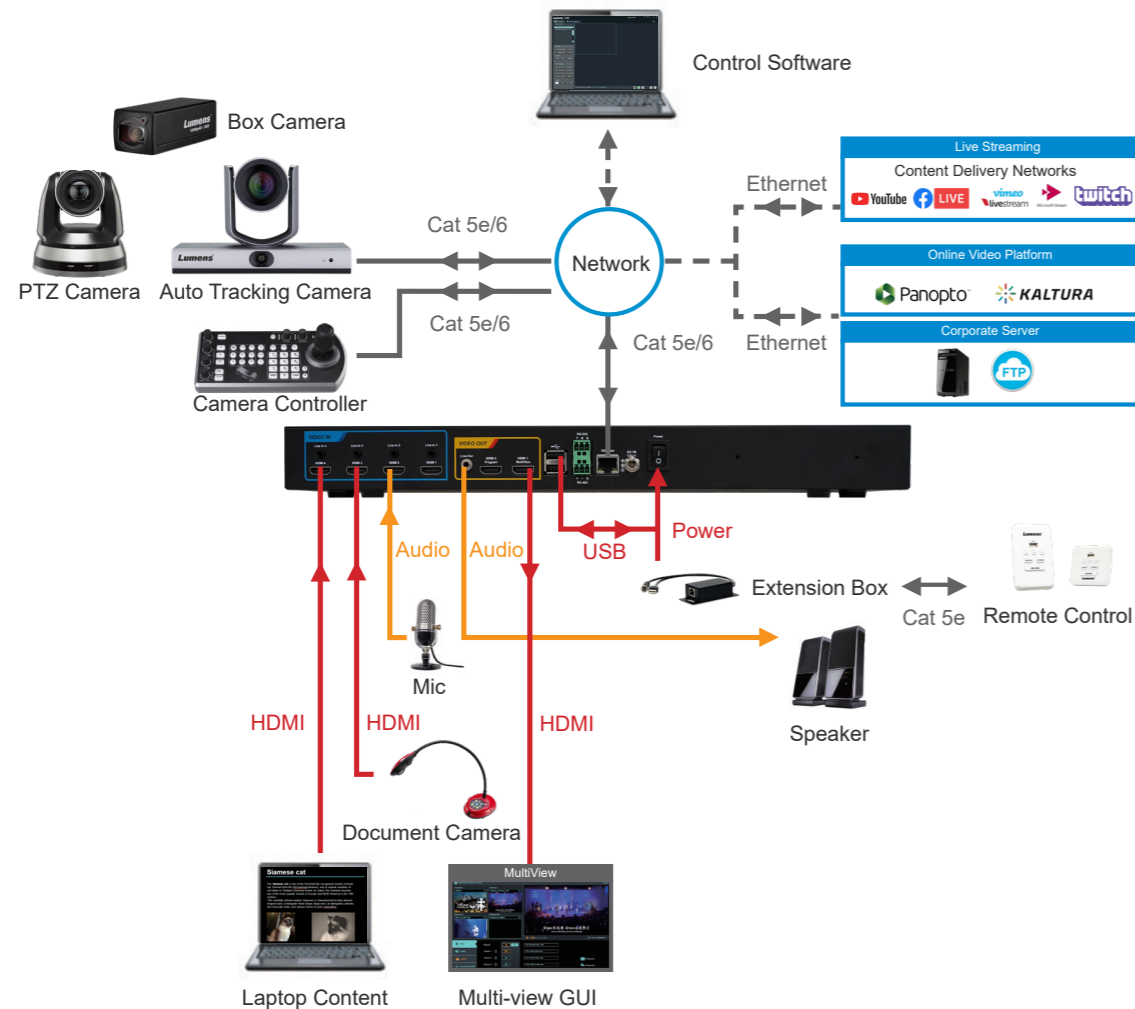
The VC-TR1 supports Power over Ethernet (PoE+) and IP streaming to simplify AV integration. No camera controller is required.



Streaming & Recording



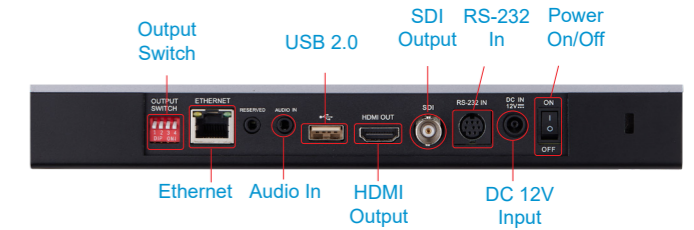
Lecture Capture & Distance Learning



Front panel



Rear panel



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