



## VC-TR41

### AI Auto-Tracking Camera

Lumens VC-TR41 is a dual-lens motion-tracking PTZ camera. Its AI technology makes it easy to identify and track a moving subject smoothly and reliably. VC-TR41 features a 20x optical zoom lens with auto framing technology that intelligently zooms to capture all guests in view. VC-TR41 integrates with Lumens LC300 series CaptureVision system to automate video production and lecture capture, making it ideal for use in presentations and learning environments.

### Key Features

- Multiple AI Tracking, Framing and Auto-Switching modes
- 1080P 60fps with 20x Optical Zoom
- HDMI, Ethernet, 3G-SDI and USB simultaneous output
- Zoom certified ProAV camera
- Supports RTSP / RTMP / RTMPS / SRT streaming



### Everywhere Tracking Mode

The camera smoothly will follow wherever the presenter goes. You can simply change the tracked subject by clicking on the individual via the web interface.



### Partition Tracking Mode

When the presenter moves inside a user-defined Partition Area, the camera switches to a preset angle and zoom. When outside a Partition Area, the camera autonomously follows the presenter.



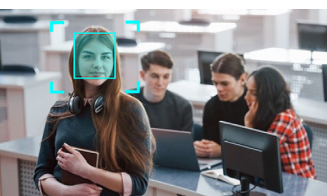
### Stage Tracking Mode

When inside the Tracking Area, the camera follows the presenter with a panning (left-right) movement. When the presenter moves outside the Tracking Area, the camera stops tracking.



### Auto-Framing Mode

With Auto-framing function, you can immediately detect the participants in a meeting. It dynamically adjusts its angle frame to include all delegates, re-framing the view if participants join or leave during the session.



### Presenter and Audience Modes

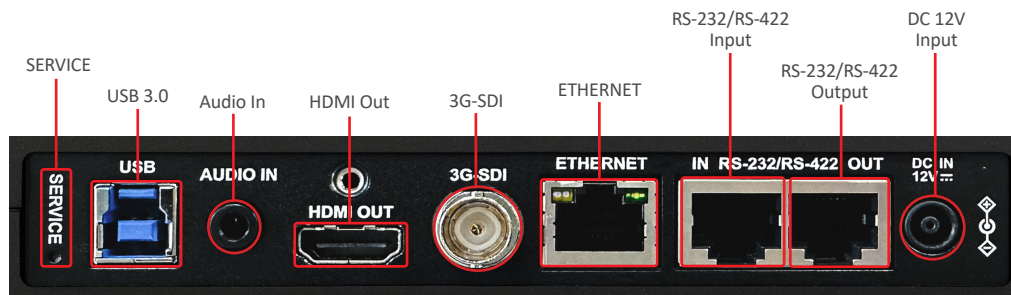
Paired with the CaptureVision LC300 series media processor, VC-TR41 units can be set in Presenter or Audience Mode. Cameras can be set to track speakers or allow contributions from audience members, with the processor automatically switching cameras to create a professional multi-angle production.



## Product Specifications

PTZ Camera		Pan & Tilt	
<b>Sensor</b>	1/2.8" 2.16M	<b>Panning Angle</b>	+170° ~ -170°
<b>Video Format</b>	1080p : 60 / 50 / 30 / 25 720p : 60 / 50	<b>Panning Speed</b>	0.2° ~ 120°/sec
<b>Video Output (HD) Interface</b>	HDMI / Ethernet / 3G-SDI / USB 3.0	<b>Tilting Angle</b>	+90° ~ -30°
<b>Optical Zoom</b>	20x	<b>Tilting Speed</b>	0.2° ~ 80°/sec
<b>Digital Zoom</b>	12x	<b>Preset Positions</b>	256
<b>Viewing Angle</b>	58.7° (H) / 33° (V) / 67.3° (D)	<b>Output</b>	
<b>Aperture</b>	F1.6 ~ F2.8	<b>HDMI / 3G-SDI</b>	1080p60
<b>Focal Length</b>	4.9mm ~ 94mm	<b>IP Stream</b>	PTZ Camera Main : 1080p60 Second : 720p30 Panoramic Camera : 720p30
<b>Shutter Speed</b>	1/25 ~ 1/10,000 sec	<b>IP Compression</b>	H.264
<b>Minimum Object Distance</b>	500mm	<b>USB Output</b>	1080p30
<b>Video S/N Ratio</b>	> 50dB	<b>USB Compression</b>	MJPEG
<b>Minimum Illumination</b>	1 lux (F1.6, 50IRE, 30fps)	<b>Network</b>	
<b>Focus System</b>	Auto / Manual	<b>IP Protocol</b>	HTTP / RTSP / RTMP / RTMPS / SRT
<b>Gain Control</b>	Auto / Manual	<b>PoE</b>	Yes (IEEE802.3af)
<b>White Balance</b>	Auto / Manual	<b>Audio</b>	
<b>Exposure Control</b>	Auto / Manual	<b>Audio Input</b>	Line In / MIC In
<b>WDR</b>	Yes	<b>Audio Output</b>	Ethernet / USB 3.0 / HDMI / SDI
<b>3D NR</b>	Yes	<b>Audio Compression Format</b>	AAC / PCM
<b>Image Flip</b>	Yes	<b>Camera Control</b>	
<b>Auto Tracking</b>	Everywhere / Stage / Partition / Audience Tracking	<b>Interface</b>	RS-232 / 422 (RJ-45) / Ethernet / USB 3.0
<b>Auto Framing</b>	Everywhere / Partition	<b>Protocol</b>	VISCA / ONVIF
<b>Gesture Control</b>	Yes	<b>UVC</b>	1.1
<b>Panoramic camera</b>		<b>UAC</b>	Yes
<b>Sensor</b>	1/2.8" 2MP CMOS	<b>General</b>	
<b>Video Format</b>	720p30	<b>DC In</b>	12V +/- 20%
<b>Horizontal Viewing Angle</b>	87°	<b>Power consumption</b>	PoE : 11W DC In : 10W
<b>Vertical Viewing Angle</b>	49°	<b>Body Color</b>	Black / White
		<b>Weight</b>	3.3 lbs (1.5 kg)
		<b>Dimension</b>	7.5" x 7.3" x 5.4" (190 x 185 x 138 mm)

## I/O Connections



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