

Lumens®

VC-TR40

**AI Auto Tracking Camera
Product Introduction**



Overview



- Color: Black, White
- NDAA/TAA Compliant: Yes
- Warranty: 5-Year
- Replace VC-TR1
- MAP: \$1,899

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VC-TR40

AI Auto Tracking Camera



*Changes in specification or design may not be done without notification.

Product Family



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MAP Price(USD\$)	\$ 1,899	\$ 2,999
Video Format	1080p60	1080p60
Video Output Interface	3G-SDI, HDMI, Ethernet, USB3.0	3G-SDI, HDMI, Ethernet, USB2.0
Optical Zoom	20x	20x
Image Flip	YES	NA
Reliable AI Tracking	YES	NA
USB Output	1080p60	1080p30
IP Streaming	RTSP, RTMP, RTMPS, SRT	RTSP, RTMP, RTMPS
PoE	PoE (IEEE802.3af)	PoE+ (IEEE802.3at)

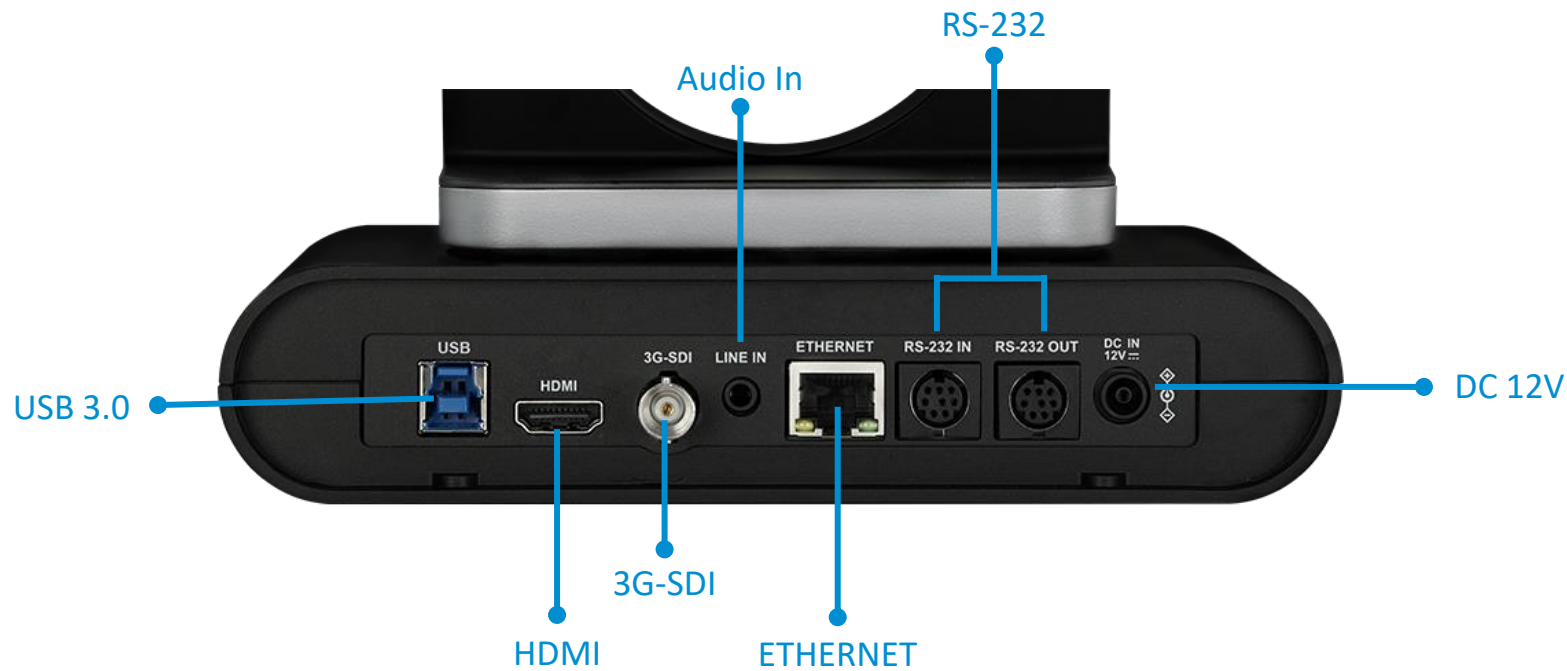
Product I/O

VC-TR40 Front View



Product I/O

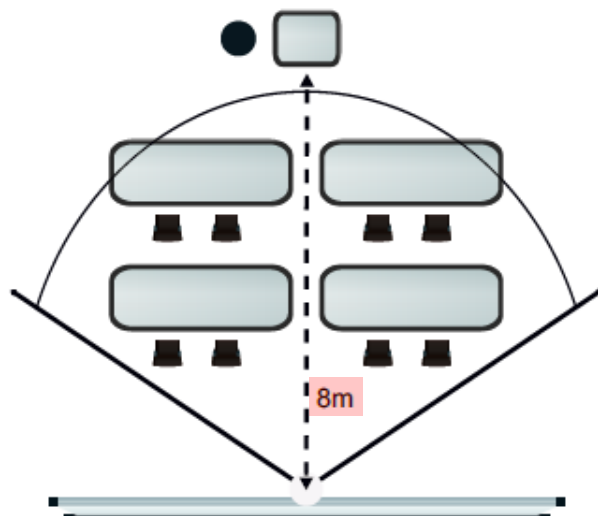
VC-TR40 Back View



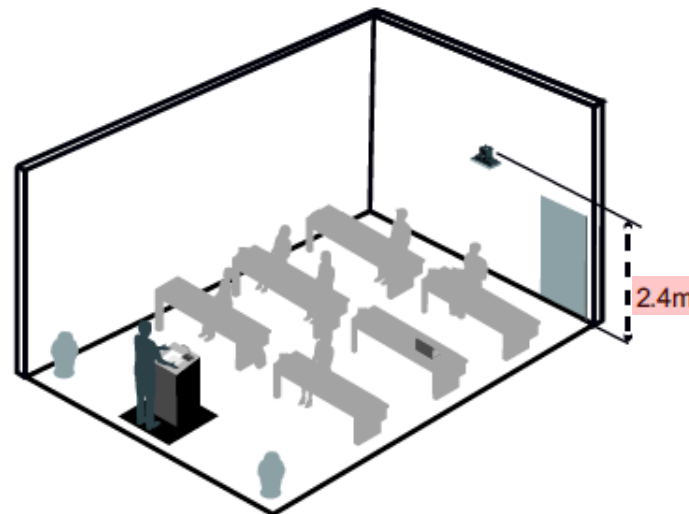
Recommended installation

Distance & Height

- Tracking distance: 2 ~ 15 m
- Optimal tracking distance: 8 m



- Vertical mounting height: 2 ~ 3 m
- Optimal installation height: 2.4 m



Key Features



- AI-Powered Human Face Recognition
- 3 Tracking modes and 2 Framing modes
- Mount upright or inverted
- HDMI, Ethernet, 3G-SDI, USB simultaneous output
- 1080P 60fps with 20x Optical Zoom

Selling Point



Everywhere Tracking

In the Everywhere Tracking mode, the camera will continuously track the presenter's movement left and right, forwards and backwards.

Selling Point



Stage Tracking

In Stage Tracking mode, the VC-TR40 will pan left and right to follow a presenter within a defined area.

Selling Point



Partition Tracking

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.

Selling Point



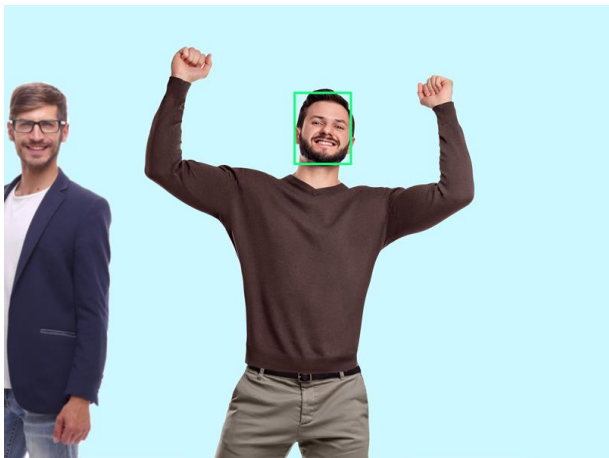
Auto Framing

VC-TR40 will dynamically adjust to capture all delegates, re-framing the view if participants join or leave during the session.

Partition Framing

The camera will go to a preset position when the presenter walks in to partition area. When the presenter walks out the area, the camera will go back to Auto-Framing mode.

Selling Point



Gesture Control Tracking Method

The VC-TR40 features advanced gesture control. When the presenter raises their hands, the tracking target will switch automatically. You can also manually change the tracked subject by selecting the individual via the web interface or remote control.



Flexible Mounting

The VC-TR40 can be positioned upright or suspended from the ceiling installation. When inverted, the camera can re-orient the image and flip the camera controls.

Selling Point



Easy to setup tracking mode through webpage

You can easily set up the VC-TR40 tracking setting through the webpage. With the preview main window and panoramic preview, it clearly sees the current capture range and object.

No matter whether you would like to change the tracking mode, set the block or partition area, or switch the tracking object, you can easily modify it through the webpage.

Competitive Product

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Lumens VC-TR40



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Map Price(USD\$)	\$1,899	\$2,199
Video Format	1080p60	1080p60
Video Output (HD) Interface	3G-SDI, HDMI, Ethernet, USB3.0	3G-SDI, HDMI, Ethernet, USB3.0
Optical Zoom	20x	12x
Horizontal Viewing Angle	58.7°	70°
Auto Framing	Yes	NA
High Speed Preset	120°/sec	200°/sec
Smooth Pan/Tilt movement	Yes, 0.2°/sec	Yes, 0.1°/s
USB Output	1080p60	1080p30
IP Streaming	RTSP / RTMP / RTMPS / SRT	RTSP / RTMP / SRT
Control Protocol	VISCA / PELCO D / ONVIF	VISCA / PELCO-D / CGI (IP)

How to Switch the Tracking Target?

① Remote Control

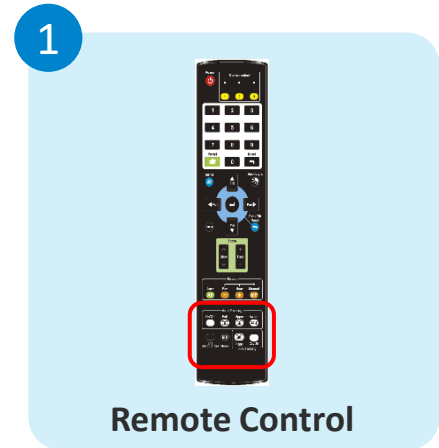
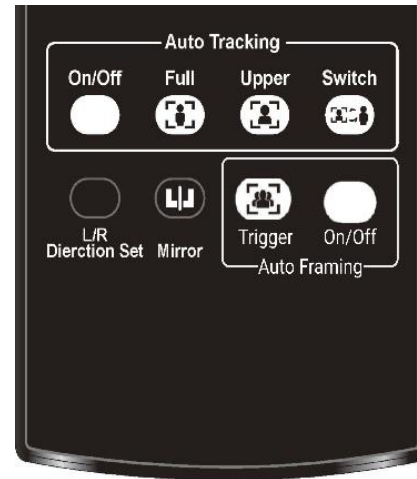
Auto Tracking

- On/Off: Enable/Disable Auto Tracking
- Full: Full body tracking
- Upper: Half body tracking
- Switch: Switch tracking object

Auto Framing

- On/Off: Enable/Disable auto framing
- Trigger: Manual framing correction

*VC-TR40 will reboot when you switch Auto Tracking and Auto Framing mode.



How to Switch the Tracking Target?

② Webpage

People Count

It will show how many people in Panoramic Lens.

Take Turn

Press the button while camera tracking, it will switch tracking target.

Target ID

It will show the available tracking target with green frame on panoramic lens, the red frame is current tracking target.

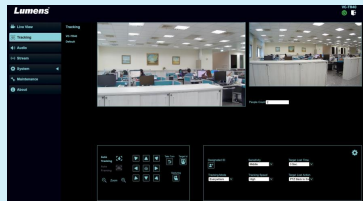
Gesturing

Turn on the gesture control, when the presenter raises their hands, the tracking target will switch automatically.

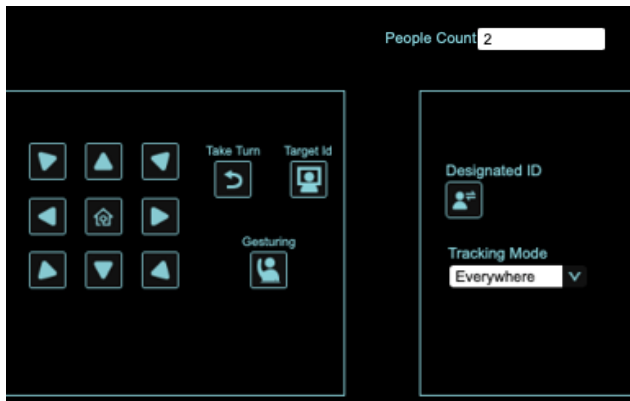
Designated ID

When this function turn on, you can use mouse to click the green frame on panoramic lens, VC-TR40 will track the person you select.

2



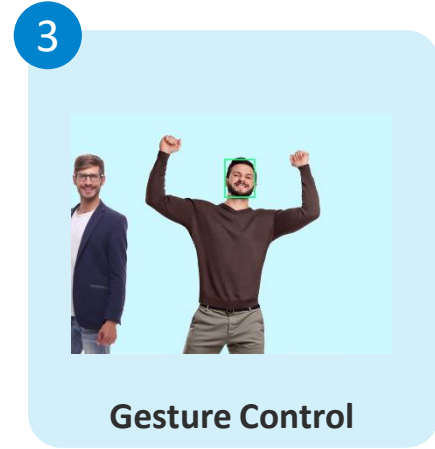
Webpage



How to Switch the Tracking Target?

③ Gesture Control

Turn on the gesture control on the webpage setting , when the presenter raises their hands, the tracking target will switch automatically.



Lumens Products

Integration

VC-TR40 is compatible with Lumens products like media processor LC200, LC100 and Camera controller VS-KB30, VS-KB20.

It is also compatible with Lumens software like CamConnect, Deployment Tool, Virtual camera..., providing users use more convenience.



VC-TR40



Software



LC200



LC100

Media Processor

Mounting



WM14



WM15

Accessory

VS-KB30



VS-K20



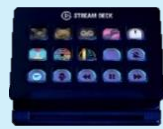
Controller

Third Party Partners

Integration

VC-TR40 successfully integrates with major Video Conference software, popular streaming platforms, broadcasting software, stream deck and Barco ClickShare.

It provides users with more flexible options to use VC-TR40 with their desired platforms.



Stream Deck



Barco ClickShare



Video Conference



Streaming Platform



Broadcasting Software

More information



www.MyLumens.com