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

Lumens®

VC-TR40

AI Auto Tracking Camera

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

Product Family

VC-TR40

VC-TR1

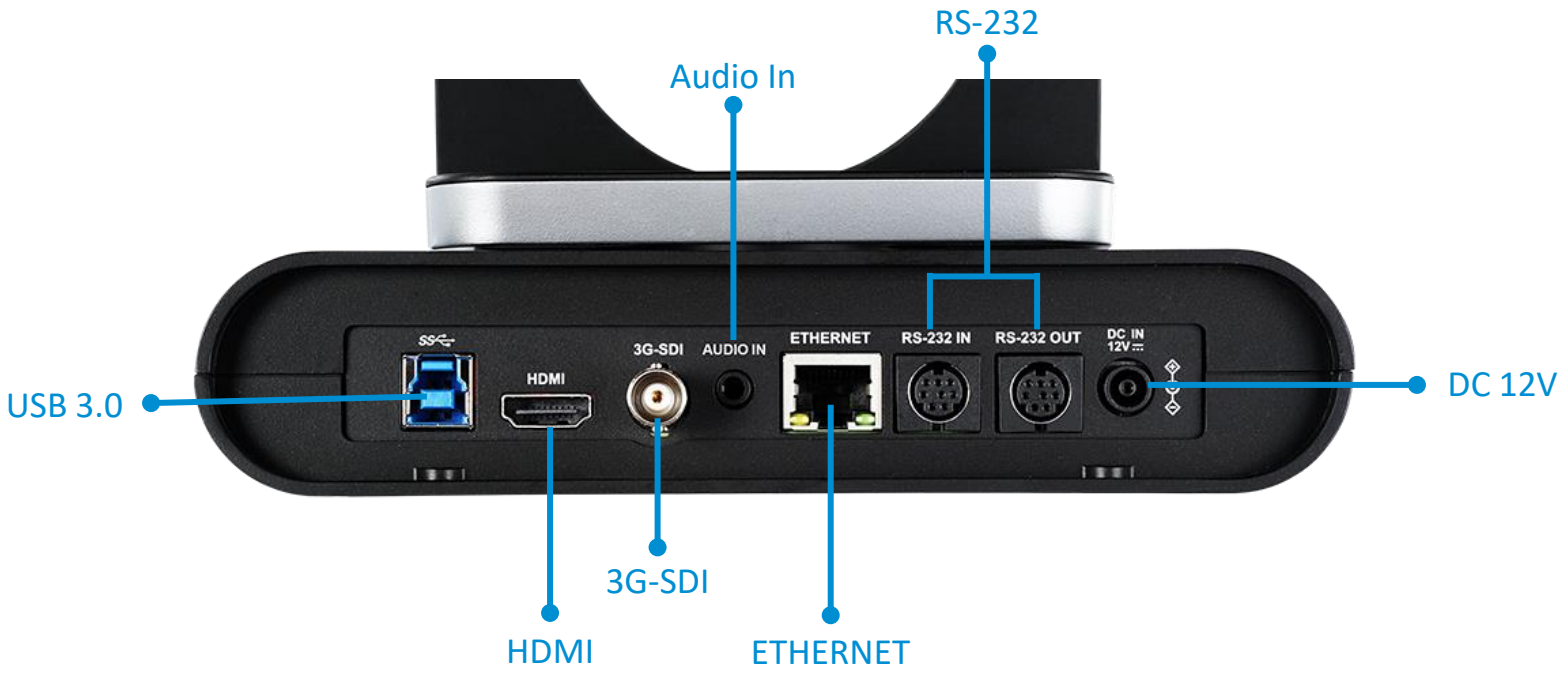
MAP Price(USD$)	$ 1,899	$ 2,999
Video Format	1080p60	1080p60
Video Output Interface	3G-SDI, HDMI, Ethernet, USB3.0	3G-SDI, HDMI, Ethernet, USB2.0
Optical Zoom	20x	20x
Image Flip	YES	NA
Reliable AI Tracking	YES	NA
USB Output	1080p60	1080p30
IP Streaming	RTSP, RTMP, RTMPS, SRT	RTSP, RTMP, RTMPS
PoE	PoE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

Product I/O

VC-TR40 Front View

Product I/O

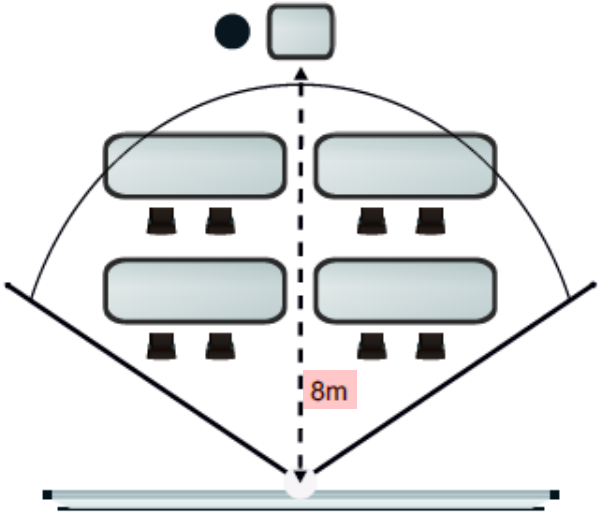
VC-TR40 Back View



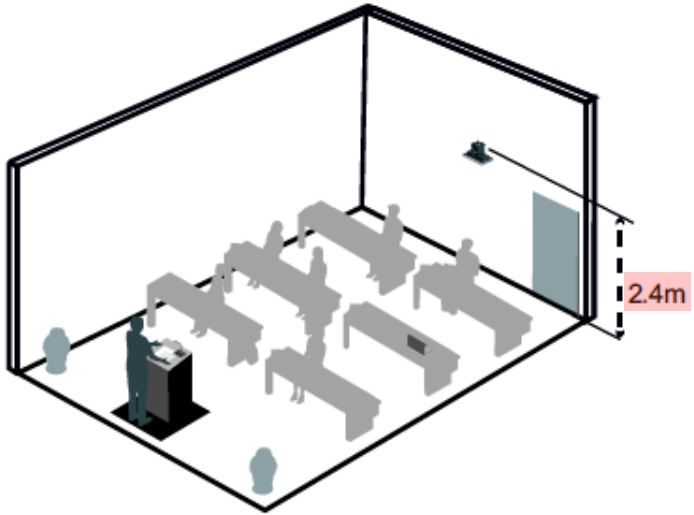
Recommended installation

Distance & Height

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



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



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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

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Selling Point

Everywhere Tracking

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

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Selling Point

Stage Tracking

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

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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.

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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 into the partition area. When the presenter walks out the area, the camera will go back to Auto-Framing mode.

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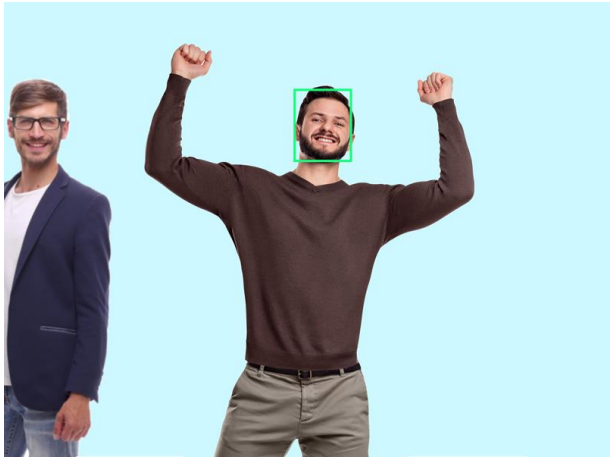
Selling Point



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

	Lumens VC-TR40	Aver TR311
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.

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Remote Control

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.

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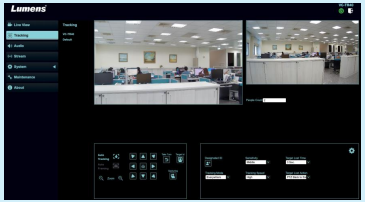

Webpage

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.

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Gesture Control

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

zoom
Cisco webex
Google Meet
Microsoft Teams
skype
Vidyo
GoToMeeting
BlueJeans
Jitsi Meet

Video Conference

YouTube
LIVE
vimeo
USTREAM
an IBM Company
Microsoft Stream
WOWZA media systems
twitch

Streaming Platform

Telestream
Wirecast
vMix

Broadcasting Software

More information

www.MyLumens.com