



## VC-TR60

### 4K AI Auto-Tracking Camera



4K  
SENSOR



12X  
ZOOM



WIDE  
ANGLE



AUTO  
TRACKING

Lumens VC-TR60 is versatile PTZ camera with an UltraHD sensor. Its ultra-wide lens features a 12x zoom giving it incredible flexibility. The camera includes auto-tracking and framing modes to enable autonomous operation and features simultaneous quad-port video out.

### Key Features

- 4K 60fps
- 12x Optical Zoom HFOV 81°
- AI-based Human Detection
- HDMI, Ethernet, 3G-SDI, USB output



12x optical zoom

### Wide-Angle UltraHD

Featuring an 81° horizontal frame of view, VC-TR60 can shoot as wide as a webcam. Its 12x optical zoom means that it can focus tight, with the 4K sensor picking out every detail.



### Tracking and Framing Modes

VC-TR60 features sophisticated auto-tracking and framing modes. Its intelligent human detection algorithms deliver smooth tracking for conferences, presentations, meeting rooms, classrooms and studios.



### Quad Video Output

The camera delivers video over HDMI and SDI, making it suitable for AV and video workflows. Its USB video output is compatible with most VC / UC platforms and the Ethernet port is optimized to stream video over IP.



### Flexible Mounting

Install VC-TR60 upright or suspended from the ceiling using Lumens' dedicated mounts.

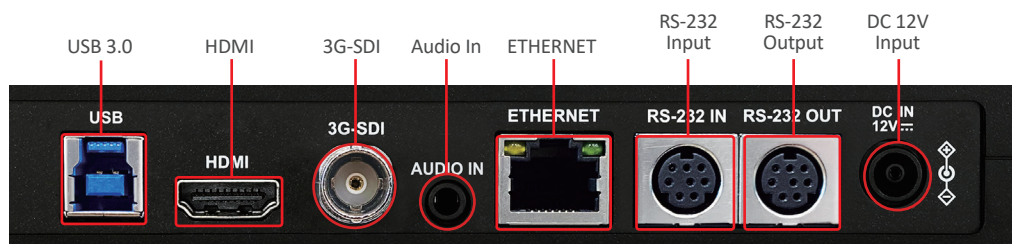


## Product Specifications

| PTZ Camera                  |                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Sensor                      | 1/2.8" 8.6M CMOS Sensor                                                                                                    |
| Video Format                | 2160p : 59.94 / 50 / 29.97 / 25<br>1080p : 59.94 / 50 / 29.97 / 25<br>720p : 59.94 / 50 / 29.97 / 25<br>1080i : 59.94 / 50 |
| Video Output (HD) Interface | HDMI, Ethernet, 3G-SDI, USB                                                                                                |
| Optical Zoom                | 12x                                                                                                                        |
| Sensor Zoom                 | 2x                                                                                                                         |
| Digital Zoom                | 8x                                                                                                                         |
| Horizontal Viewing Angle    | 81°                                                                                                                        |
| Vertical Viewing Angle      | 50°                                                                                                                        |
| Diagonal Viewing Angle      | 90°                                                                                                                        |
| Aperture                    | F1.8 ~ F3.6                                                                                                                |
| Focal Length                | 3.4 ~ 43.3 mm                                                                                                              |
| Shutter Speed               | 1 / 25 ~ 1 / 10,000 sec                                                                                                    |
| Minimum Object Distance     | Tele :1m / Wide : 0.1m                                                                                                     |
| Video S / N Ratio           | > 50dB                                                                                                                     |
| Minimum Illumination        | 1 lux (F1.8, 50IRE, 30fps)                                                                                                 |
| Focus System                | Auto, manual                                                                                                               |
| Gain Control                | Auto, manual                                                                                                               |
| White Balance               | Auto, manual                                                                                                               |
| Exposure Control            | Auto, manual                                                                                                               |
| WDR                         | Yes                                                                                                                        |
| 3D NR                       | Yes                                                                                                                        |
| Image Flip                  | Yes                                                                                                                        |
| Auto Tracking               | Yes                                                                                                                        |
| Auto Framing                | Yes                                                                                                                        |
| Pan & Tilt                  |                                                                                                                            |
| Panning Angle               | +170 ~ -170°                                                                                                               |
| Panning Speed               | 0.1°~100° / sec                                                                                                            |
| Tilting Angle               | +90 ~ -30°                                                                                                                 |
| Tilting Speed               | 0.1° / s ~ 60° / sec                                                                                                       |
| Preset Positions            | 256                                                                                                                        |

| Output                   |                                            |
|--------------------------|--------------------------------------------|
| HDMI / 3G-SDI            | 2160p60 / 1080p60                          |
| IP Stream                | Main : 2160p60<br>Second : 480p30          |
| IP Compression           | H.264/ HEVC(H.265)                         |
| USB Output               | 2160p30                                    |
| USB Compression          | H.264 / MJPEG / NV12                       |
| Network                  |                                            |
| IP Protocol              | HTTP/ RTSP / RTMP / RTMPS / SRT            |
| PoE                      | PoE+ (IEEE802.3at)                         |
| Audio                    |                                            |
| Audio Input              | Line In                                    |
| Audio Output             | Ethernet / USB / HDMI / SDI                |
| Audio Compression Format | AAC / PCM                                  |
| Camera Control           |                                            |
| Interface                | RS-232 / Ethernet / USB                    |
| Protocol                 | VISCA / ONVIF                              |
| UVC                      | Yes                                        |
| UAC                      | Yes                                        |
| General                  |                                            |
| DC In                    | 12V + / - 20%                              |
| Power consumption        | PoE : 15W<br>DC In : 14W                   |
| Body Color               | Black / White                              |
| Weight                   | 3.3lbs (1.5kg)                             |
| Dimension                | 7.5" x 7.3" x 5.7"<br>(190 × 185 × 144 mm) |

## I/O Connections



# Lumens®

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