

# Lumens®

Compatible with



## VC-A61P

### 4K 60fps PTZ IP Camera



The Lumens® VC-A61P UHD PTZ IP camera features a 1/2.5 inch sensor with 4K Ultra HD at 60fps. The 30x optical zoom lens, excellent white balance, and exposure mode provide clear images in low light and high-contrast environments. With Ethernet, HDMI, and 3G-SDI interfaces, it supports H.264/HEVC (H.265) live broadcasting, ensuring top-quality visuals and compatibility with various equipment. Ideal for lecture recording, video conferencing, and live broadcasting.

### Key Features

- Supports 4K UHD at 60fps and 1080P at 60fps
- Powerful 30x optical zoom, with 68 degrees horizontal field of view at its widest setting
- Easy installation: delivers video output via Ethernet, HDMI, and 3G-SDI simultaneously
- Excellent support: 5 year warranty as standard



### 2160p and 1080p Resolution

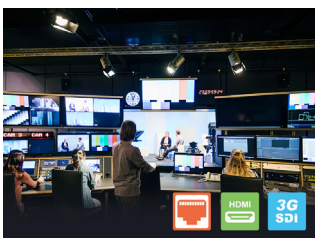
Supporting 4K and 1080p output, VC-A61P is future-proofed for all your production requirements for years to come. The CMOS sensor is partnered with a high brightness zoom lens which enables the camera to excel in virtually every lighting condition. It makes the VC-A61P a great PTZ choice, whether installed in a studio, theatre, conference center, or lecture hall.

30x optical zoom



### Optical Performance

The 30x lens is exceptionally powerful. It allows operators to zoom in close from the back of a venue or shoot wide to capture a full conference panel thanks to its 68 degree horizontal viewing angle. For extreme close shots, a digital zoom can be deployed, while 3D noise reduction maintains clear pictures and excellent results.



### Video Workflow Flexibility

Equipped with HDMI, 3G-SDI, and Ethernet outputs, the VC-A61P can be integrated with almost any AV, broadcast or IP workflow. All models support simultaneous H.264 and HEVC streaming. Such a wide range of video outputs means that the camera is ready to fulfill a wide variety of roles - as a PTZ camera source for lecture capture, live event production, or video streaming direct to YouTube or Facebook.

\*The VC-A61PN version of the camera adds NDI® | HX PTZ support for fast integration with NDI® infrastructures.



### AV Integration and Control

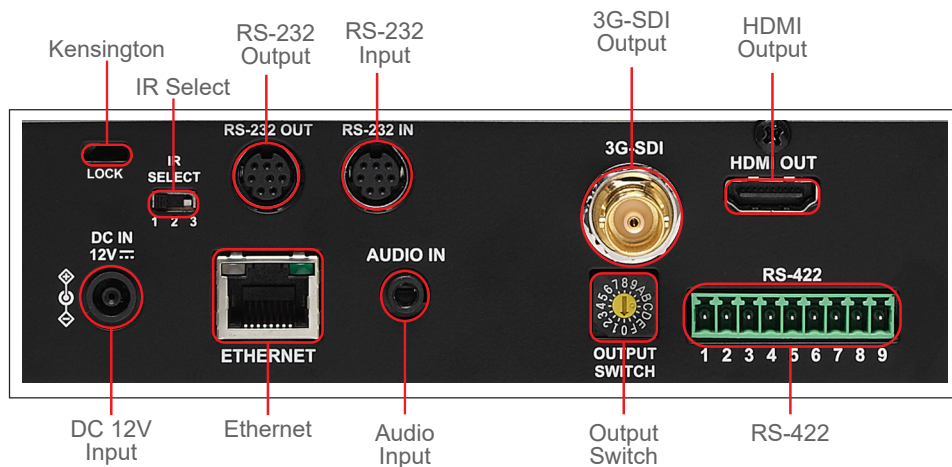
Lumens VC-A61P supports both PoE (Power over Ethernet) and a 12v DC input. It also features dedicated RS-232 in-out ports, RS-422, and Ethernet-based control protocol support (including Crestron, Extron, Visca, Pelco D, FreeD, and Onvif). This gives the camera an unparalleled level of flexibility: whatever the video workflow, whatever the AV integration, VC-A61P is ready to take the complexity out of camera installation and management.



## Product Specifications

| Camera                      |  | Output                   |   |
|-----------------------------|--|--------------------------|---|
| Sensor                      | 1/2.5" 8.57MP CMOS   | HDMI / 3G-SDI            | 2160p59.94 / 1080p59.94   |
| 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 | IP Stream                | HEVC(H.265) 4K 59.94fps<br>H.264 1080P 59.94fps<br>H.264 640x360 29.97fps |
| Video Output (HD) Interface | 3G-SDI / HDMI / Ethernet   | IP Compression           | H.264 / HEVC(H.265)   |
| Optical Zoom                | 30x  | Pan & Tilt               |   |
| Digital Zoom                | 12x  | Panning Angle            | +170° ~ -170°   |
| Horizontal Viewing Angle    | 68°  | Panning Speed            | 300° / sec  |
| Vertical Viewing Angle      | 38.3°  | Tilting Angle            | +90° ~ -30°   |
| Diagonal Viewing Angle      | 78°  | Tilting Speed            | 300° / sec  |
| Aperture                    | F1.6 ~ F3.4  | Preset Positions         | 256   |
| Focal Length                | 4.6mm ~ 135mm  | Audio                    |   |
| Shutter Speed               | 1/1 ~ 1/10,000 sec   | Audio Input              | Line In / Mic In  |
| Minimum Object Distance     | 1.5m (Wide / Tele)   | Audio Output             | Ethernet / SDI / HDMI   |
| Video s/n Ratio             | >50dB  | Audio Compression Format | AAC / G.711   |
| Minimum Illumination        | 0.1 lux (F1.6, 50IRE, 30fps)   | Camera Control           |   |
| Focus System                | Auto / Manual / Smart AF   | Interface                | RS-232 / RS-422 / Ethernet / Remote                                       |
| Gain Control                | Auto / Manual  | Protocol                 | VISCA / VISCA IP / PELCO D / ONVIF  |
| White Balance               | Auto / Manual  | General                  |   |
| Exposure Control            | Auto / Manual  | DC In                    | 12V +/- 20%   |
| WDR                         | Yes  | Power Consumption        | PoE: 18W<br>DC In: 16W  |
| 3D NR                       | Yes  | Weight                   | 4.4 lbs (2 kg)  |
| Image Flip                  | Yes  | Dimensions               | 6.9" x 7.5" x 7.3"<br>(174 x 190 x 187 mm)                                |
| AR/VR systems               | FreeD  |                          |   |
| Tally Light                 | Yes  |                          |   |
| Network                     |  |                          |   |
| IP Protocol                 | RTSP / RTMP / RTMPS / MPEG-TS / SRT  |                          |   |
| PoE                         | PoE+ (IEEE802.3at)   |                          |   |

## I/O Connections



**Lumens**<sup>®</sup>

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