

# VC-A61P UHD PTZ IP Camera

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The Lumens<sup>®</sup> VC-A61P UHD Pan / Tilt / Zoom (PTZ) IP camera is equipped with a professional 1 / 2.5 inch image sensor with 4K Ultra HD output at 30fps. The power is supplied through 12V input or the Power over Ethernet (PoE+) providing an economical and easy solution. The superior 30x optical zoom lens, excellent white balance, and exposure mode delivers a clear image even in low light or the extreme contrast of brightness and darkness in a room.

The VC-A61P has different interfaces such as Ethernet, HDMI and 3G-SDI. It supports live broadcasting with H.264 / HEVC (H.265) format. These features not only allow for simultaneous image outputs, they also result in the best image quality and is compatible with all types of video equipment. The camera covers a wide shooting angle and achieves high-speed, quiet, and precise positioning with smooth PTZ operations.

The VC-A61P is applicable for lecture recording, video conferencing, and live broadcasting.



## Key Features

- 4K UHD 30fps and 1080p 60fps video signal output format
- 30x optical zoom, 68 degrees Horizontal Field of View
- Triple stream video, output format H.264 / HEVC (H.265)
- Supports PoE+ (Power over Ethernet) using network cables to supply power
- Ethernet, HDMI and 3G-SDI synchronous image outputs
- Audio input supports AAC / G.711 encoding with 44.1K / 48K sampling frequency
- Free Lumens VMS software for controlling the cameras remotely from a local area network

## IP Streaming Format

Stream	1		2	3
Settings	HEVC (H.265)		H.264	H.264
Resolution	4K	1080p / 720p	1080p / 720p	640x360
Frame Rate	59.94 Hz	29.97 / 59.94 / 29.97	59.94 / 29.97	29.97
	50 Hz	25 / 50 / 25	50 / 25	25
Bit Rate	20000 kbps~2000 kbps		20000 kbps~2000 kbps	5000 kbps~512 kbps
Audio Transmission	AAC / G.711			
PoE+	Yes			

# Product Specifications

<b>Sensor</b>	1/2.5" 8.57MP CMOS
<b>Video Format</b>	2160p: 29.97 / 25 1080p: 59.94 / 50 / 29.97 / 25 720p: 59.94 / 50 / 29.97 / 25
<b>Video Output (HD) Interface</b>	3G-SDI / HDMI / Ethernet
<b>Optical Zoom</b>	30x
<b>Digital Zoom</b>	12x
<b>Horizontal Viewing Angle</b>	68°
<b>Vertical Viewing Angle</b>	38.3°
<b>Diagonal Viewing Angle</b>	78°
<b>Panning Angle</b>	+170° ~ -170°
<b>Panning Speed</b>	300°/sec
<b>Tilting Angle</b>	+90° ~ -30°
<b>Tilting Speed</b>	300°/sec
<b>Aperture</b>	F1.6 ~ F3.4
<b>Focal Length</b>	4.6mm ~ 135mm
<b>Shutter Speed</b>	1/1 ~ 1/10,000 sec
<b>Minimum Object Distance</b>	1.5m (Wide / Tele)
<b>Video S/N Ratio</b>	> 50dB
<b>Minimum Illumination</b>	0.1 lux (F1.6, 50IRE, 30fps)
<b>Focus System</b>	Auto / Manual
<b>Gain Control</b>	Auto / Manual
<b>White Balance</b>	Auto / Manual

<b>Exposure Control</b>	Auto / Manual
<b>WDR</b>	Yes
<b>3D NR</b>	Yes
<b>Image Flip</b>	Yes
<b>Preset Positions</b>	256
<b>Multiple Video Stream</b>	HEVC 4Kp 29.97 H.264 1080p 59.94 H.264 640x360p 29.97
<b>Audio Compression Format</b>	G.711 / AAC
<b>Control Interface</b>	RS-232 / RS-422 / Ethernet
<b>Control Protocol</b>	VISCA / PELCO D / ONVIF
<b>Tally Light</b>	Yes
<b>PoE</b>	PoE+ (IEEE802.3at)
<b>Video Stream</b>	RTSP / RTMP / RTMPS / MPEG-TS / SRT
<b>Video Compression</b>	HEVC(H.265) / H.264
<b>Audio Input</b>	Line In / MIC In (Phone Jack 3.5mm x1)
<b>Audio Output</b>	Ethernet / SDI / HDMI
<b>IR Pass-Through</b>	Yes
<b>IR Receiver</b>	Yes
<b>IR Remote Control</b>	Yes
<b>DC In</b>	12V +/- 20%
<b>Power Consumption</b>	PoE : 18W DC In : 16W
<b>Weight</b>	4.4 lbs (2 kg)
<b>Dimensions</b>	6.9" x 7.5" x 7.3" (174 x 190 x 187 mm )

## I/O CONNECTIONS

