

# 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 / 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 / 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	H.265		H.264	H.264
Resolution	4K	1080p / 720p	1080p / 720p	640x360
Frame Rate	59.94 Hz	29.97	59.94 / 29.97	29.97
	50 Hz	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

Sensor	1/2.5" 8MP CMOS
Video Format	Resolution : 4K*/1080p/720p Frame Rate : 59.94/50/29.97/25 *So far 4K can only support 29.97/25
Video Output (HD) Interface	3G-SDI, HDMI, Ethernet *3G-SDI only supports maximum 1080p 59.94/50
Optical Zoom	30x
Horizontal Viewing Angle	68°
Panning Angle	+170° ~ -170°
Panning Speed	300°/sec
Tilting Angle	+90° ~ -30°
Tilting Speed	300°/sec
Aperture	F1.6 ~ F3.4
Focal Length	4.6mm ~ 135mm
Shutter Speed	1/1 ~ 1/10.000 sec
Minimum Object Distance	1.5m (Wide/Tele)
Video S/N Ratio	> 50dB
Minimum Illumination	0.1 lux (F1.6, 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
Preset Positions	256
Multiple Video Stream	H.265 4K 29.97fps H.264 1080p 59.94fps H.264 640x360 29.97fps
Audio Compression Format	G.711 / AAC
Camera Control Interface	RS-232 / RS-422 / Ethernet
Camera Control Protocol	VISCA / PELCO D / ONVIF
Tally Light	Yes
PoE	PoE+ (IEEE802.3at)
Video Stream	RTSP / RTMP / RTMPS / MPEG-TS / SRT
Video Compression	H.265 / H.264
Audio Input	Line In/MIC In , Phone Jack 3.5mm x1
Audio Output	Ethernet / SDI / HDMI
IR pass-through	Yes
IR receiver	Yes
IR remote control	Yes
DC In	12V +/- 20%
Power Consumption	PoE : 18W DC In : 16W
Weight	2 kg (4.4 lbs)
Dimension	174 x 190 x 187 mm (6.9" x 7.5" x 7.3")

## I/O CONNECTIONS

