

VC-A61P UHD PTZ IP Camera

Lumens[®]

The Lumens[®] 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 G.711 encoding with 44.1K / 48K sampling frequency
- Free Lumens VMS software for controlling the cameras remotely from a local area network
- Smart AF: AI-Enabled autofocus system
- Supports FreeD protocol for live VR/AR production

IP Streaming Format

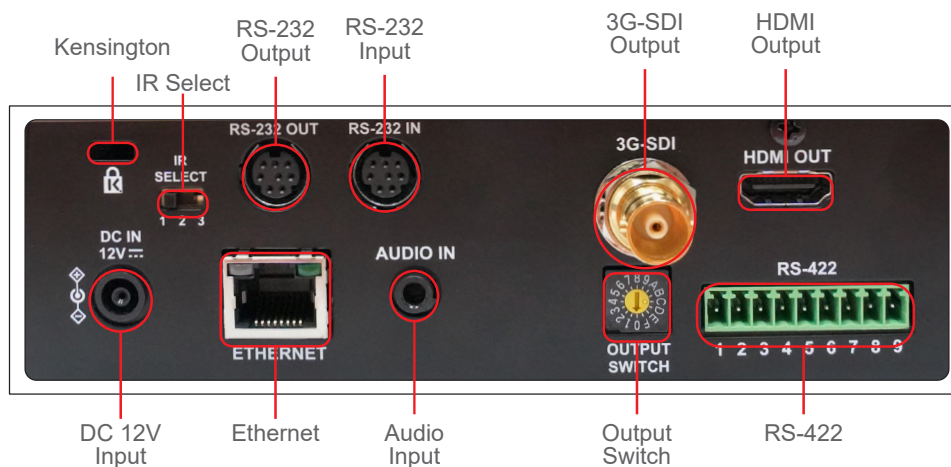
Stream		1		2	3
Settings		HEVC (H.265)		H.264	H.264
Resolution		4K	1080p / 720p	1080p / 1080i / 720p	640x360
Frame Rate	59.94 Hz	29.97	59.94 / 29.97	59.94 / 29.97	29.97
	50 Hz	25	50 / 25	50 / 25	25
Bit Rate		20000 kbps~2000 kbps		20000 kbps~2000 kbps	5000 kbps~512 kbps
Audio Transmission		G.711			
PoE+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

Product Specifications

Camera	
Sensor	1/2.5" 8.57MP CMOS
Video Format	2160p : 29.97 / 25 1080p : 59.94 / 50 / 29.97 / 25 1080i : 59.94 / 50 720p : 59.94 / 50 / 29.97 / 25
Video Output (HD) Interface	3G-SDI, HDMI, Ethernet
Optical Zoom	30x
Digital Zoom	12x
Horizontal Viewing Angle	68°
Vertical Viewing Angle	38.3°
Diagonal Viewing Angle	78°
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 / Smart AF
Gain Control	Auto / Manual
White Balance	Auto / Manual
Exposure Control	Auto / Manual
WDR	Yes
3D NR	Yes
Image Flip	Yes
Tally Light	Yes
Network	
IP Protocol	RTSP / RTMP / RTMPS / MPEG-TS / SRT
PoE	PoE+ (IEEE802.3at)

Output	
HDMI / 3G-SDI	2160p29.97
IP Stream	HEVC 4K 29.97fps H.264 1080P 59.94fps H.264 640x360 29.97fps
IP Compression	HEVC / H.264
Pan & Tilt	
Panning Angle	+170 ~ 170°
Panning Speed	300° / sec
Tilting Angle	+90 ~ -30°
Tilting Speed	300° / sec
Preset Positions	256
Audio	
Audio Input	Line In / Mic In
Audio Output	Ethernet / SDI / HDMI
Audio Compression Format	G.711
Camera Control	
Interface	RS-232 / RS-422 / Ethernet / Remote
Protocol	VISCA / VISCA IP / PELCO D / ONVIF
General	
DC In	12V +/- 20%
Power Consumption	PoE: 18W DC In: 16W
Weight	4.4 lbs (2 kg)
Dimensions	6.9" x 7.5" x 7.3" (174 x 190 x 187 mm)

I/O CONNECTIONS



Lumens®

Lumens Integration, Inc.
4116 Clipper Court
Fremont, CA, 94538
Phone: +1-866-600-0988
Fax: +1-510-252-1389

Lumens Europe
De Nayerstraat 17 9470
Denderleeuw Belgium
Phone: +32-473-58-38-95
Fax: +32-2-452-76-00



www.MyLumens.com