

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 60fps. 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 60fps 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
- Smart AF: AI-Enabled autofocus system
- Supports FreeD protocol for live VR/AR production

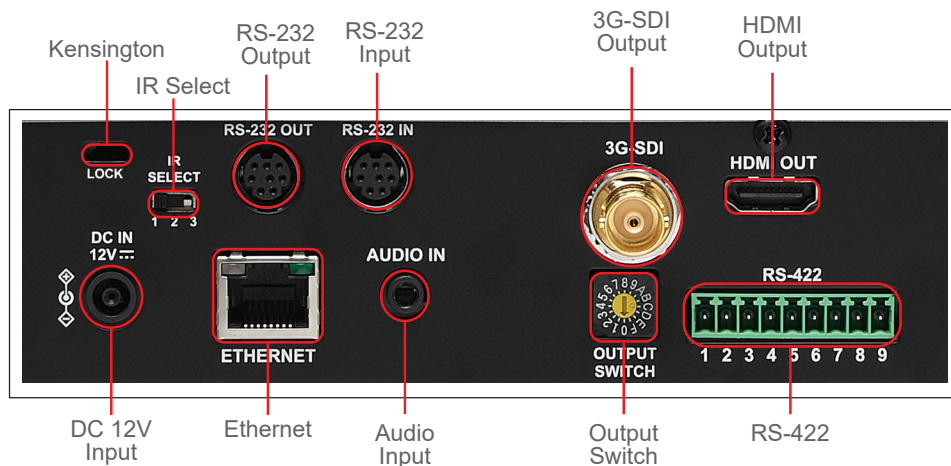
IP Streaming Format

Stream	1	2	3
Settings	HEVC (H.265)	H.264	H.264
Resolution	4K* / 1080p / 720p	1080p / 720p	640x360
Frame Rate	59.94 Hz	59.94/29.97	29.97
	50 Hz	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		Output	
Sensor	1/2.5" 8.57MP CMOS	HDMI / 3G-SDI	2160p59.94 / 1080p59.94
Video Format	2160p : 59.94 / 50 / 29.97 / 25 1080p : 59.94 / 50 / 29.97 / 25 720p : 59.94 / 50 / 29.97 / 25 1080i : 59.94 / 50	IP Stream	HEVC(H.265) 4K 59.94fps H.264 1080P 59.94fps 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 DC In: 16W
3D NR	Yes	Weight	4.4 lbs (2 kg)
Image Flip	Yes	Dimensions	6.9" x 7.5" x 7.3" (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



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