VC-A71P 4K IP PTZ Camera

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The Lumens® VC-A71P 4K Ultra HD PTZ camera is equipped with a professional 1/1.8-type progressive scan CMOS sensor with 8 megapixels output resolution that delivers a superb clear and vivid live image. 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 of a conference room. The camera covers wide shooting angles and achieves high-speed, quiet, and precise positioning with smooth PTZ operations.

The VC-A71P UHD PTZ camera has Ethernet, HDMI 2.0, 12G-SDI outputs. It supports live broadcasting with H.264 / H.265 format.
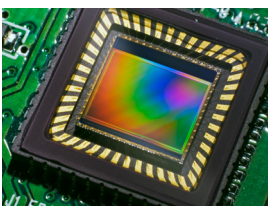
The VC-A71P is an applicable solution for lecture recording, videoconferencing, and live broadcasting applications.

Key Features

- 4K UHD 60fps and 1080P 60fps video signal output format
- 30x optical zoom, 63° Horizontal Field of View
- Triple stream video, supports H.265 / H.264 format
- HDMI, Ethernet, 12G-SDI image output
- Supports RTSP / RTMP / RTMPS / MPEG-TS / SRT streaming protocol
- Up to 256 user defined preset modes to allow ease of use in all environments
- Maximum horizontal/vertical speed of rotation: 300° /sec
- Wide Pan/Tilt/Zoom mechanism:
  Horizontal viewing angle: -170° to +170°
  Tilting angle up to 90°, and down to -30°
- Supports Power Over Ethernet (PoE++)

More Details

Image Quality

Equipped with a professional image sensor with 4K UHD 60 fps and Full HD 1080p 60fps output resolution providing high color reproduction, high definition, and a crystal-clear image. The VC-A71P has a professional 30x optical zoom lens that provides image details without any distortions.

Ethernet Interface

The VC-A71P supports H.264, H.265 video compression format that can reduce the bandwidth for transmitting video. This technology can decrease hard disk space when recording.

Easy Installation

Powered by PoE++ (Power over Ethernet) allowing a cost effective and simple installation.
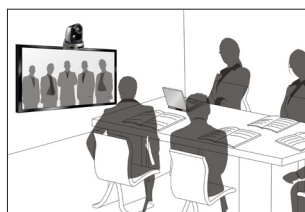
Advanced Image Processing

The advanced AF/AE/AWB algorithm and circuit design ensures a pristine image during the pan, tilt, zoom and capture function.

Built-in Tally Light

The VC-A71P built-in tally light. The LED lights turn on when the camera is in operation. This is an essential function for a broadcast studio or any applications with more than two PTZ cameras.

Panoramic Viewing Angle

The VC-A71P has a panoramic 63° horizontal field of view that helps users achieve a wider viewing area.

Product Specifications

Sensor	1/1.8" 8MP CMOS		Image Flip	Yes
Video Format	Resolution : 4K/1080p/720p Frame Rate : 59.94/50/29.97/25		Preset Positions	256
Video Output (HD) Interface	12G-SDI, HDMI 2.0, Ethernet		Multiple Video Stream	H.265 4K 59.94fps H.264 1080p 59.94fps H.264 640x360 29.97fps
Optical Zoom	30x		Audio Compression Format	G.711 / AAC
Horizontal Viewing Angle	63°		Camera Control Interface	RS-232 / RS-422 / Ethernet
Panning Angle	+170° ~ -170°		Camera Control Protocol	VISCA / PELCO D / ONVIF
Panning Speed	300°/sec		Tally Light	Yes
Tilting Angle	+90° ~ -30°		PoE	PoE++ (IEEE802.3bt)
Tilting Speed	300°/sec		Video Stream	RTSP / RTMP / RTMPS / MPEG-TS / SRT
Aperture	F1.6 ~ F18		Video Compression	H.265 / H.264
Focal Length	6.5mm ~ 202mm		Audio Input	Line In/MIC In , Phone Jack 3.5mm x1
Shutter Speed	1/1 ~ 1/10,000 sec		Audio Output	Ethernet / 12G-SDI / HDMI 2.0
Minimum Object Distance	1.5m (Wide/Tele)		IR pass-through	Yes
Video S/N Ratio	> 50dB		IR receiver	Yes
Minimum Illumination	0.05 lux (F1.55, 50IRE, 30fps)		IR remote control	Yes
Focus System	Auto, Manual		DC IN	12V +/- 20%
Gain Control	Auto, manual		Power consumption	<30W
White Balance	Auto, manual		Weight	3Kg(6.6lbs)
Exposure Control	Auto, manual		Dimension	232 x 188 x 189 mm (9.2" x 7.4" x 7.4")
WDR	Yes			
3D NR	Yes			

I/O CONNECTIONS

IR Select — 12G-SDI Output — RS-232 Output — RS-232 Input — HDMI 2.0 Output

Kensington Lock Port

DC 12V Input — ETHERNET — Audio In — Output Switch — RS-422