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 and USB3.0 outputs. It supports live broadcasting with H.264 / HEVC 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 HEVC / H.264 format
- HDMI, Ethernet, 12G-SDI, USB 3.0 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

RJ45

HDMI

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

Easy Installation

Power over Ethernet

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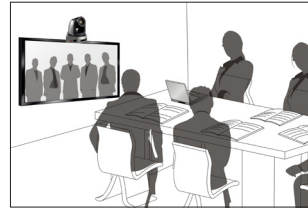
Advanced Image Processing

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.
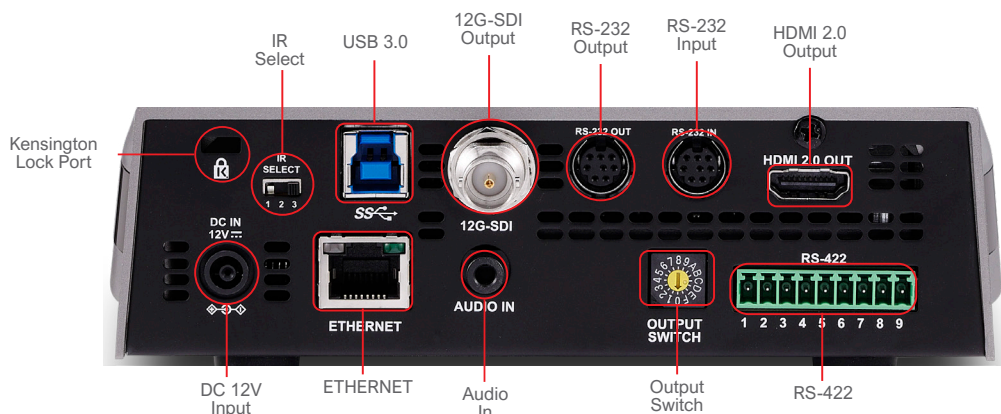
Panoramic Viewing Angle

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" 9.17MP CMOS		Image Flip	Yes
Video Format	Resolution : 4K / 1080p / 720p Frame Rate : 59.94 / 50 / 29.97 / 25		Preset Positions	256
			Multiple Video Stream	HEVC 4K 59.94fps H.264 1080p 59.94fps H.264 640x360 29.97fps
Video Output (HD) Interface	12G-SDI / HDMI 2.0 / Ethernet / USB 3.0		Audio Compression Format	G.711 / AAC
Optical Zoom	30x		Control Interface	RS-232 / RS-422 / Ethernet / USB 3.0
Digital Zoom	12x		Control Protocol	VISCA / PELCO D / ONVIF / UVC
Horizontal Viewing Angle	63°			
Panning Angle	+170° ~ -170°		Tally Light	Yes
Panning Speed	300°/sec		PoE	PoE++ (IEEE802.3bt)
Tilting Angle	+90° ~ -30°		Video Stream	RTSP / RTMP / RTMPS / MPEG-TS / SRT
Tilting Speed	300°/sec			
Aperture	F1.6 ~ F4.8		Video Compression	HEVC / H.264 / MJPEG
Focal Length	6.5mm ~ 202mm		Audio Input	Line In / MIC In (Phone Jack 3.5mm x1)
Shutter Speed	1/1 ~ 1/10,000 sec			
Minimum Object Distance	1.5m (Wide / Tele)		Audio Output	Ethernet / 12G-SDI / HDMI 2.0 / USB 3.0
Video S/N Ratio	> 50dB			
Minimum Illumination	0.05 lux (F1.6, 50IRE, 30fps)		IR Pass-Through	Yes
Focus System	Auto / Manual		IR Receiver	Yes
Gain Control	Auto / Manual		IR Remote Control	Yes
White Balance	Auto / Manual		DC In	12V +/- 20%
Exposure Control	Auto / Manual		Power Consumption	PoE : 23.5 W DC In : 23 W
WDR	Yes			
3D NR	Yes		Weight	6.6lbs (3 kg)
			Dimensions	9.2" x 7.4" x 7.4" (232 x 188 x 189 mm)

I/O CONNECTIONS

IR Select — USB 3.0 — 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