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(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 HEVC(H.265) / 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

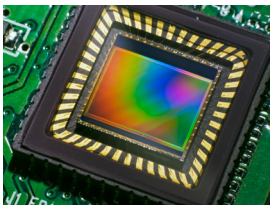


Image Quality

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

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

Easy Installation

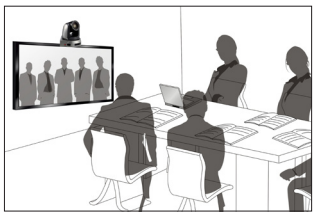
Powered by PoE++ (Power over Ethernet) allowing a cost effective and simple installation.

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

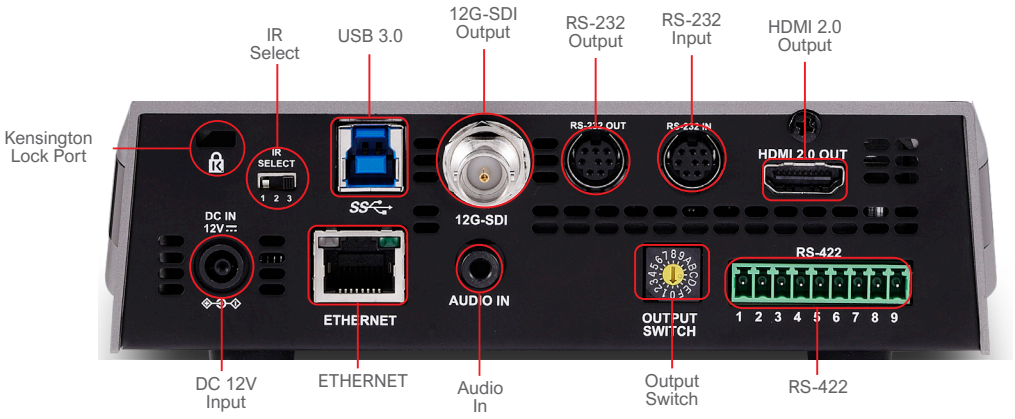
The VC-A71P has a panoramic 63° horizontal field of view that helps users achieve a wider viewing area.

Product Specifications

Sensor	1/1.8" 9.17MP CMOS
Video Format	Resolution : 4K / 1080p / 720p Frame Rate : 59.94 / 50 / 29.97 / 25
Video Output (HD) Interface	12G-SDI / HDMI 2.0 / Ethernet / USB 3.0
Optical Zoom	30x
Digital Zoom	12x
Horizontal Viewing Angle	63° (Wide) to 3.7° (Tele)
Vertical Viewing Angle	35.4° (Wide) to 2.1° (Tele)
Diagonal Viewing Angle	72.3° (Wide) to 4.2° (Tele)
Panning Angle	+170° ~ -170°
Panning Speed	300°/sec
Tilting Angle	+90° ~ -30°
Tilting Speed	300°/sec
Aperture	F1.6 ~ F4.8
Focal Length	6.5mm ~ 202mm
Shutter Speed	1/1 ~ 1/10,000 sec
Minimum Object Distance	1.5m (Wide / Tele)
Video S/N Ratio	> 50dB
Minimum Illumination	0.05 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	HEVC 4Kp 59.94 H.264 1080p 59.94 H.264 640x360p 29.97
Audio Compression Format	G.711 / AAC
Control Interface	RS-232 / RS-422 / Ethernet / USB 3.0
Control Protocol	VISCA / PELCO D / ONVIF / UVC / FreeD
Tally Light	Yes
PoE	PoE++ (IEEE802.3bt)
Video Stream	RTSP / RTMP / RTMPS / MPEG-TS / SRT
Video Compression	HEVC(H.265) / H.264 / MJPEG
Audio Input	Line In / MIC In (Phone Jack 3.5mm x1)
Audio Output	Ethernet / 12G-SDI / HDMI 2.0 / USB 3.0
IR Pass-Through	Yes
IR Receiver	Yes
IR Remote Control	Yes
DC In	12V +/- 20%
Power Consumption	PoE : 23.5 W DC In : 23 W
Weight	6.6lbs (3 kg)
Dimensions	9.2" x 7.4" x 7.4" (232 x 188 x 189 mm)

I/O CONNECTIONS



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