



VC-A51P

Full HD PTZ Camera



Flexible 1080p 60fps PTZ camera with 20x zoom, 3G-SDI, HDMI and IP streaming.

Lumens VC-A51P is an advanced PTZ camera which is ideal for conference production, lecture capture, houses of worship and live events. The VC-A51P supports live production workflows thanks to its HDMI and SDI connectivity and is compliant with all major live streaming services including YouTube and Facebook, and learning platforms such as Panopto and Kaltura.

Key Features



- Professional Sony image sensor
- Supports 1080p at 60fps
- Versatile 20x optical zoom
- Delivers HD video output via Ethernet, HDMI, and 3G-SDI simultaneously
- 5-year warranty*



Outstanding Color Reproduction

With 1080p resolution, the VC-A51P can be used in demanding AV or broadcast environments. Its 1/2.8" 2.16MP Sony CMOS sensor delivers faithful colors and excellent levels of detail even in low light conditions. Pictures are captured with a natural look whether projected onto a big screen or streamed to mobile users.



High-Precision Autofocus

Lumens' autofocus system is fast and accurate, and able to track subjects in motion. This level of automation gives users the confidence to concentrate on framing the picture, leaving the camera to deliver sharp images without user input.



Adaptive Robotic Control

With high precision motor control, the VC-A51P can run at a speed required by the user. At very low speeds, the camera remains stable without juddering. At high speeds, the smoothness of the motors avoids distracting image blur.



Local and Remote Production

Equipped with DC power and Power over Ethernet (PoE+), RS-232, RS-422 and Ethernet control interfaces, and featuring live video-over-IP monitoring, The VC-A51P gives users a tremendous level of flexibility. The camera can be controlled and monitored locally or remotely over an IP network. Its versatility means that it is ready for all the production challenges that you face.

Applications



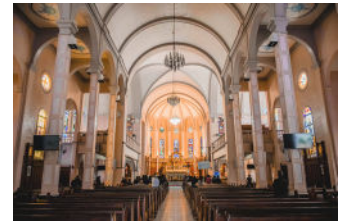
Live Events & Conferences

Stream events, graduations, presentations and ceremonies to on-site and remote audiences.



Higher-Ed Classroom

Engage more effectively with remote students with live streaming and high quality video on demand.



House of Worship

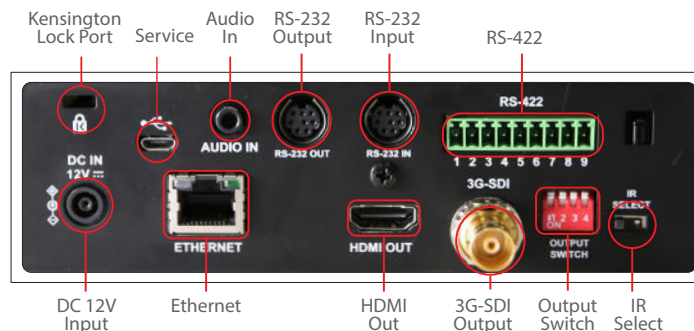
Houses of worship incorporate live streaming to extend their reach among worshippers.

Product Specifications

Camera	
Sensor	1/2.8" 2.16MP CMOS
Video Format	1080p: 60 / 59.94 / 50 / 30 / 29.97 / 25 1080i: 60 / 59.94 / 50 720p: 60 / 59.94 / 50
Video Output (HD) Interface	3G-SDI / HDMI / Ethernet
Optical Zoom	20x
Viewing Angle	57° (H) / 32.1° (V) / 65.4° (D)
Aperture	F1.6 ~ F3.8
Focal Length	5.33mm ~ 110mm
Shutter Speed	1/1 ~ 1/10,000 sec
Minimum Object Distance	1.5m (Wide / Tele)
Video S/N Ratio	> 50dB
Minimum Illumination	1.0 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
AR / VR Systems	FreeD
Tally Light	Yes
Network	
IP Protocol	RTSP / RTMP / RTMPS / MPEG-TS / SRT
PoE	PoE+ (IEEE802.3at)

Pan & Tilt	
Panning Angle	+170° ~ -170°
Panning Speed	300° / sec
Tilting Angle	+90° ~ -30°
Tilting Speed	300° / sec
Preset Positions	128
Output	
HDMI / 3G-SDI	1080p60
IP Stream	First: H.264 1080p 60fps Second: H.264 / MJPEG D1 30fps
IP Compression	H.264 / MJPEG
Audio	
Input	Line In / MIC In
Output	Ethernet / SDI / HDMI
Compression Format	G.711
Camera Control	
Interface	RS-232 / RS-422 / Ethernet
Protocol	VISCA / VISCAIP / PELCO D / ONVIF
IR Pass-through	Yes
IR Receiver	Yes
IR Remote Control	Yes
General	
DC In	12V +/- 20%
Power Consumption	PoE: 18.5W DC In: 17W
Weight	4.4 lbs (2 kg)
Dimensions (W x H x D)	6.9" x 7.3" x 7.3" (174 x 186 x 187 mm)

I/O Connections



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