

VC-A50P IP PTZ Camera

Lumens[®]

The Lumens[®] VC-A50P HD Pan/Tilt/Zoom (PTZ) IP camera is equipped with a professional 1/2.8 inch image sensor with Full HD 1080p output at 60 fps. It's power supplied through the Power over Ethernet (PoE+) providing an economical and easy solution. The superior 20x 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 lecture hall.

The VC-A50P has different interfaces like Ethernet, HDMI, and 3G-SDI. It supports live broadcasting with MJPEG, H.264 supports SVC format and further more its low-latency is less than 120ms. These features not only allow for simultaneous image outputs, they also result in the best image quality and is compatible with all video equipment. The camera covers a wide shooting angle and achieves high-speed, quiet, and precise positioning with smooth PTZ operations.

The VC-A50P is applicable for lecture recording, videoconferencing, and live broadcasting.

Key Features

- Full HD 1080p signal output format with a high frame rate of 60 fps
- Supports live broadcasting (MJPEG, H.264 supports SVC)
- Supports PoE+ (Power Over Ethernet) using network cables supply power
- Supports ONVIF protocol
- Supports SRT (Secure Reliable Transport) protocol that optimizes streaming performance
- Ethernet low latency (< 120 ms)
- Ethernet, HDMI, and 3G-SDI synchronous image outputs
- Free Lumens VMS software for controlling the cameras remotely



More Details

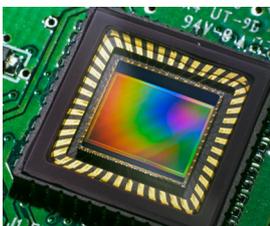


Image Quality

The VC-A50P is equipped with a professional 1/2.8 inch image sensor with Full HD 1080p output resolution. The sensor provides high color reproduction, high-definition signals, and crystal-clear image quality.



Ethernet Interface

The VC-A50P MJPEG, H.264 supports SVC video compression format that can reduce the bandwidth for transmitting video. This technology can decrease hard disk space when recording.

Easy Installation

Power supplied through the PoE+ (Power over Ethernet) without additional power supply and cables that bring cost-effective and simple installation.



Wide Range Pan/Tilt/Zoom Action

The VC-A50P has a wide shooting area (pan angle from -170° to +170° ; tilt angle from -30° to +90°), as well as quiet, fast, and precise positioning movements.



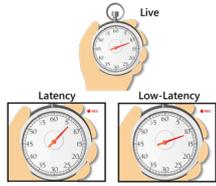
Multiple Signal Interface Formats

The VC-A50P is able to switch video output formats to Full HD for compatibility in various display devices.



Audio Input Support

Transmission through the Internet, SDI and HDMI to extend the distance of the audio device. Through this transmission, sound quality is enhanced and installation costs are reduced.



Ethernet Low-Latency

The VC-A50P supports low-latency and the fast response time is less than 120 ms that allows human-unnoticeable delays between live image and its output on the screen.



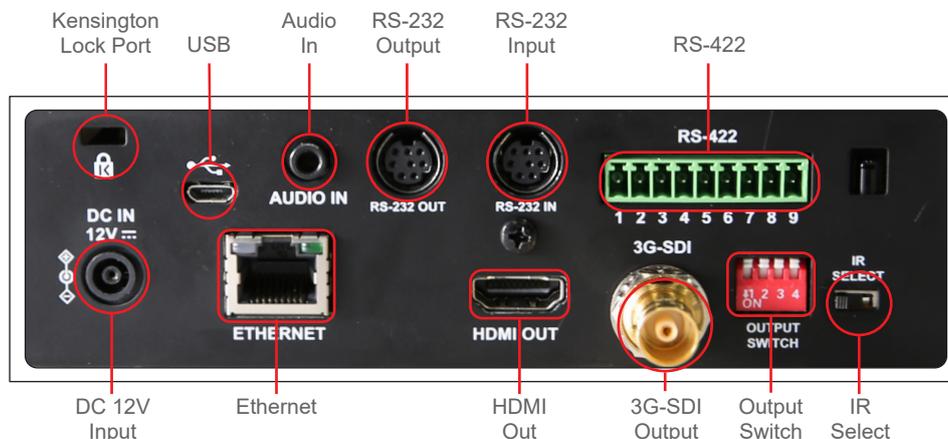
RS-232 / RS-422 Remote Control

The camera's settings and PTZ control functions can be performed remotely at any location and at high communication speeds via the RS-232 / RS-422 interface.

Product Specifications

Sensor	1/2.8" 2.41MP CMOS	WDR	Yes
Video Format	1080p : 60 / 59.94 / 50 / 30 / 29.97 / 25 1080i : 60 / 59.94 / 50 720p : 60 / 59.94 / 50	3D NR	Yes
Video Output (HD) Interface	3G-SDI / HDMI / Ethernet	Image Flip	Yes
Optical Zoom	20x	Preset Positions	128
Horizontal Viewing Angle	57°	Multiple Video Stream	First : H.264 1080p 60fps Second : H.264 / MJPEG D1 30fps
Vertical Viewing Angle	32.1°	Audio Compression Format	G.711
Diagonal Viewing Angle	65.4°	Control Interface	RS-232 / RS-422 / Ethernet
Panning Angle	+170° ~ -170°	Control Protocol	VISCA / VISCAIP / PELCO D / ONVIF
Panning Speed	120° / sec	Tally Light	Yes
Tilting Angle	+90° ~ -30°	PoE	PoE+ (IEEE802.3at)
Tilting Speed	120° / sec	Video Stream	RTSP / RTMP / MPEG-TS / SRT
Aperture	F1.6 ~ F3.8	Video Compression	MJPEG / H.264 / SVC
Focal Length	5.33mm~110mm	Audio Input	Line In / MIC In
Shutter Speed	1/1 ~ 1/10,000 sec	Audio Output	Ethernet / SDI / HDMI
Minimum Object Distance	1.5m (Wide / Tele)	IR Pass-through	Yes
Video S/N Ratio	> 50dB	IR Receiver	Yes
Minimum Illumination	1.0 lux (F1.6, 50IRE, 30fps)	IR Remote Control	Yes
Focus System	Auto / Manual	Power Consumption	PoE : 17.5 W DC In : 16 W
Gain Control	Auto / Manual	Weight	4.4 lbs (2 kg)
White Balance	Auto / Manual	Dimension	6.9" x 7.3" x 7.3" (174 x 186 x 187 mm)
Exposure Control	Auto / Manual		

I/O CONNECTIONS



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