VC-A62

4K PTZ IP Camera

4K 60fps   **30x**   **PoE+**   **REC. 709**

VC-A62 is a high performance 4K PTZ camera which offers 60fps video in HD and UltraHD. Its 30x zoom delivers exceptional versatility while the camera's support for professional color spaces means that it can deliver great results in challenging environments. With simultaneous output from its SDI, HDMI, IP and USB ports, VC-A62 is perfect for system integration.

Key Features

- Supports 60P at 2160 and 1080 resolution
- 30x optical zoom, with maximum 68 degrees horizontal field of view
- Easy installation: video output via Ethernet, HDMI, 3G-SDI and USB
- Supports PoE+ Power over Ethernet

UltraHD and HD at 60fps

VC-A62 supports 60 frames per second shooting for smooth video output, even with fast motion subjects. This makes the camera suitable for shooting events, including sports and entertainment.

Powerful 30x Optical Zoom

The camera's lens goes from a wide 68° and zooms in 30x to frame subjects clearly. This flexibility means that the VC-A62 can be installed in locations ranging from meeting rooms to large arenas.

Professional Integration

VC-A62 is easy to integrate with. It features simultaneous quad outputs to support AV, VC and video workflows. The camera includes IQ Sync which color matches multiple cameras and PoE+ for fast installation.

Precise Mechanism

VC-A62 is engineered around a professional-level robotic mechanism. This deliver fast and accurate camera movement, switching almost instantly between presets. The camera can also move slowly and smoothly to capture great looking tracking shots.
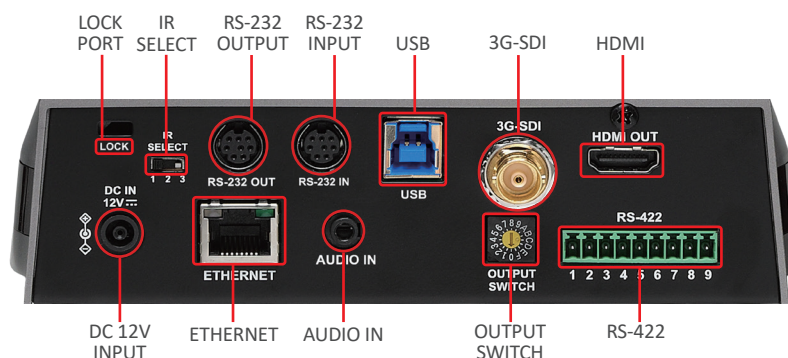
Product Specifications

PTZ Camera	
Sensor	1/2.5" 8.57MP CMOS
Video Format	2160p : 59.94 / 50 / 29.97 / 25 1080p : 59.94 / 50 / 29.97 / 25 720p : 59.94 / 50 / 29.97 / 25 1080i : 59.94 / 50
Video Output (HD) Interface	3G-SDI / HDMI / USB / Ethernet
Optical Zoom	30x
Digital Zoom	12x
Horizontal Viewing Angle	68°
Vertical Viewing Angle	38.3°
Diagonal Viewing Angle	78°
Aperture	F1.6 ~ F3.4
Focal Length	4.6mm ~ 135mm
Shutter Speed	1/1 ~ 1/10,000 sec
Minimum Object Distance	1.5m (Wide / Tele)
Video S / N Ratio	> 50dB
Minimum Illumination	0.1 lux (F1.6, 50IRE, 30fps)
Focus System	Auto / Manual / Smart AF
Gain Control	Auto / manual
White Balance	Auto / manual
Exposure Control	Auto / manual / Smart AE
IQ Sync	Yes
WDR	Yes
3D NR	Yes
Image Flip	Yes
Color Space	Standard / BT.2020 / REC.709
AR / VR systems	FreeD
Tally Light	Yes
Pan & Tilt	
Panning Angle	+170° ~ 170°
Panning Speed	300° / sec
Tilting Angle	+90° ~ -30°
Tilting Speed	300° / sec
Preset Positions	256

Output	
HDMI / 3G-SDI	2160p 59.94 / 1080p 59.94
IP Stream	HEVC 4K 59.94fps H.264 1080p 59.94fps H.264 640 x 360 29.97fps
IP Compression	HEVC / H.264
USB Output	H.264 4K 30fps MJPEG 1080p30
USB Compression	H.264 / MJPEG
Network	
IP Protocol	RTSP / RTMP / RTMPS / MPEG-TS / SRT
PoE	PoE+ (IEEE802.3at)
Audio	
Audio Input	Line In / MIC In
Audio Output	Ethernet / SDI / HDMI / USB
Audio Compression Format	IP : G.711 USB : PCM
Camera Control	
Interface	RS-232 / RS-422 / Ethernet / USB / Remote
Protocol	VISCA / VISCAIP / PELCO D / ONVIF / UVC / UAC
General	
DC In	12V + / - 20%
Power consumption	PoE : 18W DC In : 16W
Weight	4.4 lbs (2 kg)
Dimension	6.9" x 7.5" x 7.3" (174 x 190 x 187 mm)

I/O Connections

LOCK PORT · IR SELECT · RS-232 OUTPUT · RS-232 INPUT · USB · 3G-SDI · HDMI

DC 12V INPUT · ETHERNET · AUDIO IN · OUTPUT SWITCH · RS-422