Lumens®

VC-R30
Full HD IP PTZ Camera

FHD 1080p · **12x** · **4 Output**

A 1080p 60fps PTZ camera with 12x zoom, HDMI, 3G-SDI, USB, and IP streaming.

Lumens VC-R30 Full HD IP PTZ Camera is equipped with a Sony 1/2.8 inch image sensor. It delivers a maximum resolution of 1080p 60 fps. The camera features smooth, quiet and accurate robotics even at high-speed. VC-R30 offers simultaneous USB 3.0, HDMI, 3G-SDI, and Ethernet video outputs for connection flexibility. Available in black or white, it can be positioned upright or inverted to suit your studio, theater, classroom, courtroom, or house of worship.

Key Features

- 1080p 60fps
- Superb value for money
- 12x zoom / 72.5° horizontal field of view
- Simultaneous HDMI, 3G-SDI, USB and IP streaming output
- Outstanding color reproduction
- 5-year warranty*

Studio Quality Video

Equipped with a professional 1/2.8 inch image sensor, the VC-R30 provides great output in all lighting conditions. The sharp lens, intelligent white balance, and auto-exposure mode combine to deliver clear pictures. The camera handles skin tones, high contrast, low and mixed lighting conditions extremely well.

Ideal for Video Conferences

Covering a wide 72.5° horizontal FoV and with plug and play USB, the camera is a great option for video conferencing. The versatile zoom lens can capture everyone in a medium-sized conference room. VC-R30 connects to the host computer via USB running popular video conferencing applications such as Teams, WebEx, Skype, and Zoom.

Smooth Motion PTZ

The 12x optical zoom offers fantastic flexibility making the camera suitable for positioning anywhere from the back of an auditorium to an interactive training room. Whenever the operator needs a panning movement across a stage, a close-up focus on the presenter, or a wide-angle shot, it maintains a steady image while the camera moves. Lumens' autofocus system enables the VC-R30 to deliver sharp pictures even while the camera is in motion or when the zoom angle changes.

Live Streaming and Virtual Meetings

Video output is via USB 3.0, HDMI, 3G-SDI, and Ethernet simultaneously, giving users great workflow options. The camera can be controlled and monitored locally or remotely over an IP network. It's suitable for hosting a live and virtual conference at the same time, tackling the issue of space and engaging with audiences both local and remote. Compliant with most video production, video conference, and streaming applications, including Zoom, Skype, WebEx, Teams, Google Meet, Wowza, YouTube, OBS, and Wirecast.

Applications

Education
Ideal for recording and streaming lectures, presentations, or interacting with remote students.

Seminar Conference
Host a live conference and stream online across social media and video conference platforms at the same time.
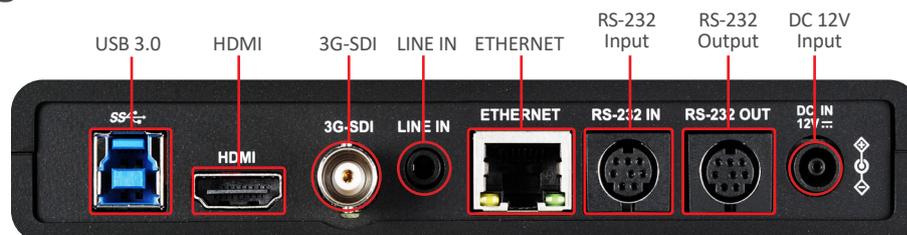
Courtroom
Perfect for conducting virtual court hearings via video conferencing or secure IP connection.

Product Specifications

Camera	
Sensor	1/2.8" 2MP CMOS
Video Format	1080p: 60 / 50 / 30 / 25 1080i : 60 / 50 720p : 60 / 50 / 30 / 25
Video Output (HD) Interface	HDMI / Ethernet / 3G-SDI / USB 3.0
Optical Zoom	12x
Viewing Angle	72.5° (H) 40.8° (V) 83.2° (D)
Aperture	F1.6~F2.8
Focal Length	3.9mm~46.8mm
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
Gain Control	Auto / Manual
White Balance	Auto / Manual
Exposure Control	Auto / Manual
WDR	Yes
3D NR	Yes
Image Flip	Yes

Pan & Tilt	
Panning Angle	+170°~-170°
Panning Speed	0.2°~80°/sec
Tilting Angle	+90°~-30°
Tilting Speed	0.2°~80°/sec
Preset Positions	256

Output	
HDMI / 3G-SDI	1080p60
IP Stream	Triple Streaming Structure: First : H.264 1080p60 Second : H.264 720p30 Webpage : H.264 720p30
IP Compression	H.264 / MJPEG
USB Output	MJPEG 1080p30 YUV2 1080p30
USB Compression	MJPEG / YUY2

Network	
IP Protocol	RTSP / RTMP / RTMPS
PoE	PoE (IEEE802.3af)

Audio	
Input	Line In, Phone Jack 3.5mm x1
Output	Ethernet / USB 3.0
Compression Format	IP : AAC USB : PCM

Camera Control	
Interface	RS-232 / RS-422 / Ethernet
Protocol	VISCA / PELCO D
UVC	1.1
UAC	Yes

General	
DC In	12V +/- 20%
Power Consumption	PoE: 9W DC In: 8W
Body Color	Black / White
Weight	3.1 lbs (1.4 kg)
Dimensions (W x H x D)	7.48" x 7.28" x 5.12" (190 ×185 ×138 mm)

I/O Connections

USB 3.0 | HDMI | 3G-SDI | LINE IN | ETHERNET | RS-232 Input | RS-232 Output | DC 12V Input

Jan, 2022