

Lumens®



VC-R31 HD IP PTZ Camera



A 1080p 60 fps PTZ camera with a 12x zoom, HDMI , USB and IP streaming. Lumens VC-R31 IP PTZ Camera is equipped with a high sensitivity Sony 1/2.8 inch image sensor and delivers simultaneous USB 3.0 , HDMI and Ethernet video outputs for connection flexibility. The camera features smooth, quiet and accurate robotics even at high speed. Available in black or white, it can be positioned upright or inverted to suit your studio, theater, classroom, courtroom, meeting space or house of worship.

Key Features

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



Studio Quality Video

Equipped with a professional 1/2.8 inch image sensor, the VC-R31 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 Conferencing

Covering a wide 72.5° horizontal frame of view 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-R31 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-R31 to deliver sharp pictures even while the camera is in motion or when the zoom angle changes.



Live Streaming and Virtual Meetings Meetings

Video output is via USB 3.0 , HDMI 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.



Product Specifications

| PTZ Camera | |
|-----------------------------|--|
| Sensor | 1/2.8" 2.16M |
| Video Format | 1080p: 60 / 50 / 30 / 25 720p : 60 / 50 |
| Video Output (HD) Interface | HDMI / Ethernet / USB 3.0 |
| Optical Zoom | 12x |
| Digital 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 | 1/25 ~ 1/10,000 sec |
| Minimum Object Distance | 1/1.5m (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 |
| Auto Framing | Yes |
| Pan & Tilt | |
| Panning Angle | +170° ~ -170° |
| Panning Speed | 0.2° ~ 120°/sec |
| Tilting Angle | +90° ~ -30° |
| Tilting Speed | 0.2° ~ 80°/sec |
| Preset Positions | 256 |

| Output | |
|------------------------|---|
| HDMI | 1080p 60 |
| IP Stream | Triple Streaming Structure: First : H.264 1080p60 Second : H.264 720p30 Webpage : H.264 720p30 |
| IP Compression | H.264 |
| USB Output | 1080p60 |
| USB Compression | MJPEG |
| Network | |
| IP Protocol | RTSP / RTMP / RTMPS / SRT |
| PoE | PoE (IEEE802.3af) |
| Audio | |
| Input | Line In / MIC In |
| Output | Ethernet / USB 3.0 / HDMI |
| Compression Format | IP : AAC USB : PCM |
| Camera Control | |
| Interface | RS-232 / Ethernet / USB 3.0 |
| Protocol | VISCA / ONVIF |
| UVC | Yes |
| 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) |
| Dimension | 7.5" x 7.3" x 5.4" (190 x 185 x 138 mm) |
| Dimensions (W x H x D) | 7.48" x 7.28" x 5.12" (190 x 185 x 138 mm) |

I/O Connections

