



VC-A71P

4K IP PTZ Camera



Advanced UltraHD pan tilt and zoom camera with 12G-SDI, IP, and HDMI outputs.

Lumens VC-A71P is a broadcast-quality UHD PTZ camera. Paired with a low distortion professional zoom lens, the camera's large (1/1.8") CMOS sensor produces superb 4K and HD results. Its excellent color reproduction and 12G-SDI output mean it's a great choice for productions where image quality is of the highest importance. The VC-A71P is a practical solution for broadcasting, video production, lecture recording and live events.

Key Features

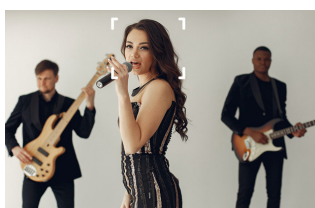


- Professional 1/1.8" Sony sensor
- 4K UHD 60fps and 30x optical zoom
- Smart AF: AI-enabled autofocus system
- FreeD protocol for live VR/AR production
- 12G-SDI, HDMI, Ethernet (PoE++) and USB 3.0 outputs
- 5-year warranty*



Live VR/AR Video Production

VC-A71P supports the popular FreeD protocol which outputs the camera's positional data over IP in real-time. This enables users to work with state-of-the-art Virtual Reality and Augmented Reality sets without the need for additional sensors.



Face Recognition Autofocus System

Equipped with Lumens' Smart AF algorithm, VC-A71P can intelligently identify human faces and automatically detect the eyes and mouth. This enables the camera to keep the subject in sharp focus all the time.



Easy Operability & Fast Communication

With a top-mounted tally light, the VC-A71P notifies the crew and talent which camera is currently in use. It provides clear communication and is especially useful in multi-camera productions and broadcast studios.



High-Precision Camera Position

With high-precision motor control and Lumens' advanced transmission mechanism, the VC-A71P achieves high-speed pan and tilt at up-to 300° per second. Camera movement is smooth and judder-free, even at low speeds.

Applications



Broadcast

Simplify VR/AR video production workflows. Deliver highly creative results.



Live Events

Provide an immersive live experience to on-site and remote audiences.



Esports

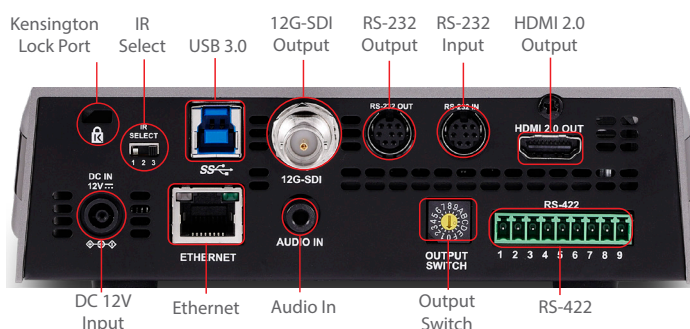
Livestream Esports matches and events. Interact with global audiences in real-time.

Product Specifications

| Camera | |
|------------------------------------|--|
| Sensor | 1/1.8" 9.17 MP CMOS |
| Video Format | 2160p: 59.94 / 50 / 29.97 / 25 1080p: 59.94 / 50 / 29.97 / 25 1080i: 59.94 / 50 720p: 59.94 / 50 / 29.97 / 25 |
| Video Output (HD) Interface | 12G-SDI / HDMI 2.0 / Ethernet / USB 3.0 |
| Optical Zoom | 30x |
| Digital Zoom | 12x |
| Viewing Angle | 63° (H) 35.4° (V) 72.3° (D) |
| Aperture | F1.6 ~ F4.8 |
| Focal Length | 6.5mm ~ 202mm |
| Shutter Speed | 1/1 ~ 1/10,000 sec |
| Minimum Object Distance | 1.5m (Wide/Tele) |
| Video S/N Ratio | > 50dB |
| Minimum Illumination | 0.05 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 |
| 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 | 2160p59.94 |
| IP Stream | HEVC 4K 59.94fps H.264 1080p 59.94fps H.264 640x360 29.97fps |
| IP Compression | HEVC(H.265) / H.264 |
| USB Output | H.264 4K30fps MJPEG 1080p30 |
| USB Compression | H.264 / MJPEG |
| Network | |
| IP Protocol | RTSP / RTMP / RTMPS / MPEG-TS / SRT |
| PoE | PoE++ (IEEE802.3bt) |
| Audio | |
| Input | Line In / MIC In, Phone Jack 3.5mm x1 |
| Output | Ethernet / 12G-SDI / HDMI 2.0 |
| Compression Format | AAC / G.711 |
| Camera Control | |
| Interface | RS-232 / RS-422 / Ethernet / USB 3.0 / Remote |
| Protocol | VISCA / PELCO D / ONVIF / UVC 1.1 |
| General | |
| DC In | 12V +/- 20% |
| Power Consumption | PoE: 27.5 W DC In: 27 W |
| Weight | 6.6 lbs (3 kg) |
| Dimension | 9.2" x 7.4" x 7.4" (232 x 188 x 189 mm) |

I/O CONNECTIONS



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