

VC-A61P UHD PTZ IP Camera

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The Lumens™ VC-A61P UHD Pan / Tilt / Zoom (PTZ) IP camera is equipped with a professional 1 / 2.5 inch image sensor with 4K Ultra HD output at 30fps. The power is supplied through 12V input or the Power over Ethernet (PoE+) providing an economical and easy solution. The superior 30x 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 room.

The VC-A61P has different interfaces such as Ethernet, HDMI and 3G-SDI. It supports live broadcasting with H.264 / H.265 format. These features not only allow for simultaneous image outputs, they also result in the best image quality and is compatible with all types of video equipment. The camera covers a wide shooting angle and achieves high-speed, quiet, and precise positioning with smooth PTZ operations.

The VC-A61P is applicable for lecture recording, video conferencing, and live broadcasting.



Key Features

- 4K UHD 30fps and 1080P 60fps video signal output format
- 30x optical zoom, 68 degrees Horizontal Field of View
- Triple stream video, output format H.264 / H.265
- Supports PoE (Power over Ethernet) using network cables to supply power
- Ethernet, HDMI and 3G-SDI synchronous image outputs
- Audio input supports AAC / G.711 encoding with 44.1K / 48K sampling frequency
- Free Lumens VMS software for controlling the cameras remotely from a local area network

IP Streaming Format

| Stream | 1 | | 2 | 3 |
|--------------------|----------------------|---------------------|----------------------|--------------------|
| Settings | H.265 | | H.264 | H.264 |
| Resolution | 4K | 1080p / 720p | 1080p / 720p | 640x360 |
| Frame Rate | 59.94 Hz | 29.97 59.94 / 29.97 | 59.94 / 29.97 | 29.97 |
| | 50 Hz | 25 50 / 25 | 50 / 25 | 25 |
| Bit Rate | 20000 kbps~2000 kbps | | 20000 kbps~2000 kbps | 5000 kbps~512 kbps |
| Audio Transmission | AAC / G.711 | | | |
| PoE+ | Yes | | | |

Product Specifications

| | |
|------------------------------------|---|
| Sensor | 1/2.5" 8MP CMOS |
| Video Format | Resolution : 4K*/1080p/720p Frame Rate : 59.94/50/29.97/25 *So far 4K can only support 29.97/25 |
| Video Output (HD) Interface | 3G-SDI, HDMI, Ethernet |
| Optical Zoom | 30x |
| Horizontal Viewing Angle | 68° |
| Panning Angle | +170° ~ -170° |
| Panning Speed | 300°/sec |
| Tilting Angle | +90 ~ -30° |
| Tilting Speed | 300°/sec |
| 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 |
| Gain Control | Auto, manual |
| White Balance | Auto, manual |
| Exposure Control | Auto, manual |
| WDR | Yes |

| | |
|---------------------------------|--|
| 3D NR | Yes |
| Image Flip | Yes |
| Preset Positions | 256 |
| Multiple Video Stream | H.265 4K 30fps H.264 1080p 60fps H.264 640x360 30fps |
| Audio Compression Format | G.711 / AAC |
| Camera Control Interface | RS-232 / RS-422 / Ethernet |
| Camera Control Protocol | VISCA / PELCO D / ONVIF |
| Tally Light | Yes |
| PoE | PoE+ (IEEE802.3at) |
| Video Stream | RTSP / RTMP / MPEG-TS / SRT |
| Video Compression | H.265 / H.264 |
| Audio Input | Line In/MIC In , Phone Jack 3.5mm x1 |
| Audio Output | Ethernet / SDI / HDMI |
| IR pass-through | Yes |
| IR receiver | Yes |
| IR remote control | Yes |
| DC In | 12V +/- 20% |
| Потребляемая мощность | 16W |
| Weight | 2 kg (4.4 lbs) |
| Dimension | 174 x 186 x 187 mm (6.9" x 7.3" x 7.3") |

I/O CONNECTIONS

