

# Lumens®

Compatible with



**BOSCH**



## VC-A51P Full HD PTZ Camera



Flexible 1080p 60fps PTZ camera with 20x zoom, 3G-SDI, HDMI and IP streaming.

Lumens VC-A51P is an advanced PTZ camera which is ideal for conference production, lecture capture, houses of worship and live events. The VC-A51P supports live production workflows thanks to its HDMI and SDI connectivity and is compliant with all major live streaming services including YouTube and Facebook, and learning platforms such as Panopto and Kaltura.

### Key Features

- Professional Sony image sensor
- Supports 1080p at 60fps
- Versatile 20x optical zoom
- Delivers HD video output via Ethernet, HDMI, and 3G-SDI simultaneously
- 5-year warranty\*



### Outstanding Color Reproduction

With 1080p resolution, the VC-A51P can be used in demanding AV or broadcast environments. Its 1/2.8" 2.16MP Sony CMOS sensor delivers faithful colors and excellent levels of detail even in low light conditions. Pictures are captured with a natural look whether projected onto a big screen or streamed to mobile users.



### High-Precision Autofocus

Lumens' autofocus system is fast and accurate, and able to track subjects in motion. This level of automation gives users the confidence to concentrate on framing the picture, leaving the camera to deliver sharp images without user input.



### Adaptive Robotic Control

With high precision motor control, the VC-A51P can run at a speed required by the user. At very low speeds, the camera remains stable without juddering. At high speeds, the smoothness of the motors avoids distracting image blur.



### Local and Remote Production

Equipped with DC power and Power over Ethernet (PoE+), RS-232, RS-422 and Ethernet control interfaces, and featuring live video-over-IP monitoring, The VC-A51P gives users a tremendous level of flexibility. The camera can be controlled and monitored locally or remotely over an IP network. Its versatility means that it is ready for all the production challenges that you face.

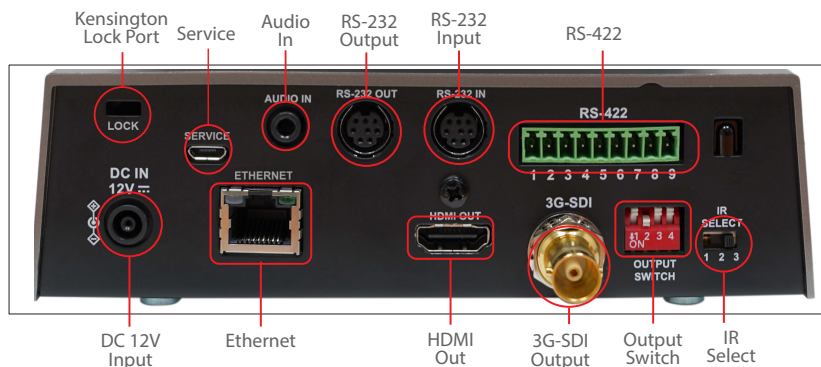


## Product Specifications

| Camera                             |   |
|------------------------------------|---|
| <b>Sensor</b>                      | 1/2.8" 2.16MP CMOS  |
| <b>Video Format</b>                | 1080p: 60 / 59.94 / 50 / 30 / 29.97 / 25<br>1080i: 60 / 59.94 / 50<br>720p: 60 / 59.94 / 50 |
| <b>Video Output (HD) Interface</b> | 3G-SDI / HDMI / Ethernet  |
| <b>Optical Zoom</b>                | 20x   |
| <b>Viewing Angle</b>               | 57° (H) / 32.1° (V) / 65.4° (D)   |
| <b>Aperture</b>                    | F1.6 ~ F3.8   |
| <b>Focal Length</b>                | 5.33mm ~ 110mm  |
| <b>Shutter Speed</b>               | 1/1 ~ 1/10,000 sec  |
| <b>Minimum Object Distance</b>     | 1.5m (Wide / Tele)  |
| <b>Video S/N Ratio</b>             | > 50dB  |
| <b>Minimum Illumination</b>        | 1.0 lux (F1.6, 50IRE, 30fps)  |
| <b>Focus System</b>                | Auto / Manual / Smart AF  |
| <b>Gain Control</b>                | Auto / Manual   |
| <b>White Balance</b>               | Auto / Manual   |
| <b>Exposure Control</b>            | Auto / Manual   |
| <b>WDR</b>                         | Yes   |
| <b>3D NR</b>                       | Yes   |
| <b>Image Flip</b>                  | Yes   |
| <b>AR / VR Systems</b>             | FreeD   |
| <b>Tally Light</b>                 | Yes   |
| Network                            |   |
| <b>IP Protocol</b>                 | RTSP / RTMP / RTMPS / MPEG-TS / SRT   |
| <b>PoE</b>                         | PoE+ (IEEE802.3at)  |

| Pan & Tilt                    |  |
|-------------------------------|--|
| <b>Panning Angle</b>          | +170° ~ -170°  |
| <b>Panning Speed</b>          | 300° / sec   |
| <b>Tilting Angle</b>          | +90° ~ -30°  |
| <b>Tilting Speed</b>          | 300° / sec   |
| <b>Preset Positions</b>       | 128  |
| Output                        |  |
| <b>HDMI / 3G-SDI</b>          | 1080p60  |
| <b>IP Stream</b>              | First: H.264 1080p 60fps<br>Second: H.264 / MJPEG D1 30fps |
| <b>IP Compression</b>         | H.264 / MJPEG  |
| Audio                         |  |
| <b>Input</b>                  | Line In / MIC In   |
| <b>Output</b>                 | Ethernet / SDI / HDMI                                      |
| <b>Compression Format</b>     | G.711  |
| Camera Control                |  |
| <b>Interface</b>              | RS-232 / RS-422 / Ethernet                                 |
| <b>Protocol</b>               | VISCA / VISCAIP / PELCO D / ONVIF                          |
| <b>IR Pass-through</b>        | Yes  |
| <b>IR Receiver</b>            | Yes  |
| <b>IR Remote Control</b>      | Yes  |
| General                       |  |
| <b>DC In</b>                  | 12V +/- 20%  |
| <b>Power Consumption</b>      | PoE: 18.5W<br>DC In: 17W                                   |
| <b>Weight</b>                 | 4.4 lbs (2 kg)   |
| <b>Dimensions (W x H x D)</b> | 6.9" x 7.3" x 7.3"<br>(174 x 186 x 187 mm)                 |

## I/O Connections



# Lumens®

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