VC-BC301P

4K IP POV Camera

4K 60fps | **102°** | **PoE** | **USB & HDMI**

The Lumens® VC-BC301P is a 4K Ultra-HD IP POV camera built with a 1/1.8-inch high sensitive sensor that delivers an ultra-clear and crisp image at 60fps. It supports the following features 102° wide viewing angle, tally light, and PoE. With its robust and compact design, the VC-BC301P can be integrated into any environment including broadcasting, houses of worship, e-sports, and conference halls.

Key Features

- High Quality 4K 60fps Images
- Compact Design with Tally Light
- 102° Wide Viewing Angle
- HDMI, Ethernet, and USB3.0 Video Outputs

Key Feature Details

Crystal-Clear Image Quality

VC-BC301P is built with a 1/1.8-inch high sensitive sensor that delivers an ultra-clear and crisp image at 4K 60fps.

Built-in Tally Light

The tally light turns on when the camera is in operation. The robust and compact design allows an easy installation process.

Wide Viewing Angle

The 102 degrees horizontal viewing angle enlarges the flexibility of the video production. Ensure everyone is visible in the frame.

PoE

Power is supplied through the PoE (Power over Ethernet) without additional power supply and cables that bring cost-effective and simple installation.

Applications

House of Worship

Live Events
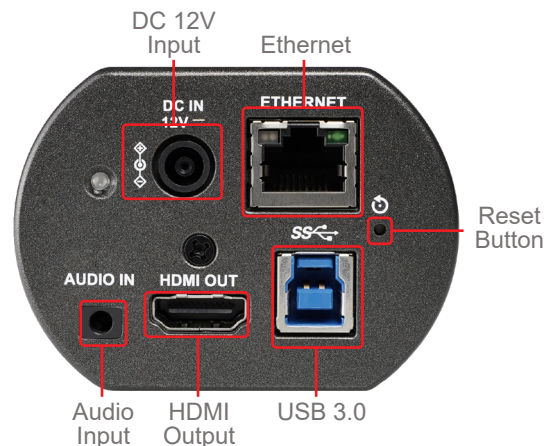

E-sports

Product Specifications

Sensor	1/1.8" 9.17 MP CMOS
Video Format	Resolution : 4K / 1080p / 720p Frame Rate : 59.94 / 50 / 29.97 / 25
Video Output (HD) Interface	HDMI 2.0, Ethernet, USB 3.0 (USB 2.0 compatible)
Pixel Zoom	2x for 1080p (1920x1080) 3x for 720p (1280x720)
Digital Zoom	12x
Horizontal Viewing Angle	102°
PTZ	ePTZ
Aperture	F1.6
Focal Length	4.57 mm
Shutter Speed	1 ~ 1/10,000 sec
Minimum Object Distance	30 cm
Video S/N Ratio	> 50dB
Minimum Illumination	0.05 lux (F1.6, 50IRE, 30fps)
Focus System	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	HEVC 4K 59.94fps H.264 1080p 59.94fps H.264 640x360 29.97fps
Audio Compression Format	G.711 / AAC
Control Interface	Ethernet / USB
Control Protocol	VISCA over IP / ONVIF / UVC
Tally Light	Yes
PoE	PoE (IEEE802.3af)
Video Stream	RTSP / RTMP / RTMPS / MPEG-TS / SRT
Video Compression	HEVC / H.264 / MJPEG
Audio In	Line In / Mic In (Phone Jack 3.5mm x1)
DC In	12V +/- 20%
Power Consumption	PoE : 11W DC In : 10W
Weight	0.77lbs (350g)
Dimensions	4.4" x 2.8" x 2.0" (113 x 70 x 51 mm)

Compatible Software

livestream

TriCaster®

vMix

streamlabs

Open Broadcasting Software

User Interface

DC 12V Input
Ethernet
Reset Button
Audio Input
HDMI Output
USB 3.0

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