



Model Number:
PTVL-ZCam
<http://ptzoptics.com/zcam/>

PTZ OPTICS 3G-SDI Box Camera

The PTZ Optics VL-ZCam is a 1080p box camera for capturing HD video with a variety of lenses. With support for 3G-SDI & IP Streaming this camera is ideal for broadcasting high definition video signals for broadcast, surveillance or video conferencing applications up to 1080p/60 resolution. The PTVL-ZCAM comes complete with your first lens with 4X Zoom and a 122° wide angle field of view.

KEY FEATURES

- Panasonic 1/2.7" inch HD CMOS Sensor
- 3G-SDI High Definition Video Output
- H.264, H.265 & MJPEG IP Streaming Output (dual stream)
- High performance in low illumination situations
- Full 1920x1080p HD Resolutions up to 60 frames per second via SDI
- 2D and 3D noise reduction with our latest "low noise CMOS sensor"
- Wide Dynamic Range
- Menu controls on back of camera
- RS485 and IP remote camera control
- C/CS Type Lens Mount
- Standard 1/4-20 female thread for camera mounting (top + bottom)
- PoE (Power over Ethernet) or 12VDC
- Hold left on Menu Navigation button for 5+ seconds to toggle Dynamic or Static IP addressing
- 3-year warranty

WHAT'S IN THE BOX

Box Camera
4X Wide Angle Zoom Lens
Power Adapter
User Manual



Camera & Lens	
Video CMOS Sensor	1/2.7" CMOS, 2.07 Mega Pixels
	1080p 60/50/30/25, 1080i 60/50
Frame Rate	720p 60/50 (IP Stream limited to 30 fps)
Included Lens	F 2.8mm ~ 12mm, F1.4+
Incl. Lens Zoom	4X Optical Zoom
Incl. Lens Field of View	122°
Min Lux	.05 Lux (F1.8, AGC ON)
Shutter Speed	1/30s - 1/10000s
SNR	≥55dB
Vertical Flip & Mirror	Supported
Incl. lens Horiz. Angle of	28° (tele) - 122° (wide)
Incl. lens Vert. Angle of View	16° (tele) - 91° (wide)
Working Environment	Indoor

Rear Board	
Video Output Interface	3G-SDI, RJ45 IP Network
Network Interface	RJ45
Audio Interface	AAC unbalanced stereo (IP Stream only)
Communication	RS485 VISCA, Pelco-D, Pelco-P
Baud Rate	2400/4800/9600 bits
Power Supply Interface	JEITA type Power Adapter (DC IN 12V)
Electrical Index	
Power Supply	12W (Max) or PoE 802.3af
Input Voltage	12V DC (10.8 - 13.0V DC) or PoE 802.3af
Physical Specs.	
Dimension (in.)	2.8W x 2.4H x 5.94D (8.25 w/ incl. lens)
Dimensions (mm.)	72W x 61H x 151D (210 w/ incl. lens)
Camera Weight (lbs.)	0.82 (1.1 w/ incl. lens)
Camera Weight (kg.)	0.37 (0.5 w/ incl. lens)