



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

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
- 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

WHAT'S IN THE BOX

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













Camera & Lens	
Video CMOS Sensor	1/2.7" CMOS, 2.07 Mega Pixels
Frame Rate	1080p 60/50/30/25, 1080i 60/50 30/25 720p 60/50 30/25
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 View	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	Not in use
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)








Product Line

	PT12X-SDI-GY-G2		PT12X-SDI-WH-G2	1080p PTZ camera, 12X optical zoom, 3G-SDI, HDMI, IP Streaming
	PT12X-USB-GY-G2		PT12X-USB-WH-G2	1080p PTZ camera, 12X optical zoom, USB3.0, HDMI, IP Streaming
	PT20X-SDI-GY-G2		PT20X-SDI-WH-G2	1080p PTZ camera, 20X optical zoom, 3G-SDI, HDMI, IP Streaming
	PT20X-USB-GY-G2		PT20X-USB-WH-G2	1080p PTZ camera, 20X optical zoom, USB3.0, HDMI, IP Streaming
	PT20X-ZCAM-G2			1080p Box Camera, 20X optical zoom, 3G-SDI, IP Streaming
	PTVL-ZCAM-G2			1080p Box Camera, Variable Lenses (4X included), 3G-SDI, IP Streaming

Control Accessories

	PT-BRDCSTR-(L,E,P)			Remote PTZ Head for handheld-broadcast cameras (3 models)
	DB9M-F-xx			Extension Cable, DB9M-F, Plenum, 4 lengths shown in ft. (xx=25, 50, 75, 100)
	VISCA-xx			Daisy Chain Cable, miniDIN8-MM, 4 lengths shown in ft. (xx=25, 50, 75, 100)
	HDSDI-xx			3G SDI Cable, BNC-MM, Plenum, 4 lengths shown in ft. (xx=25, 50, 75, 100)
	HC-JOY-G2			RS232, RS485, RS422, 3D Joystick and Keyboard, VISCA, Pelco-P, Pelco-D
	PT-JOY			IP control, 4D Joystick and Keyboard, Durable Metal Case

Mounting Accessories

	HCM-1-BK		HCM-1-WH	Small Wall Mount, mounts directly to wall or box with supplied hardware
	HCM-2-BK		HCM-2-WH	Large Wall Mount, mounts directly to wall or box with supplied hardware
	HCM-1C-WH			Small Open Ceiling Mount, mounts to 1"NPT pipe
	HCM-2C-WH			Large Open Base Ceiling Mount, mounts to 1"NPT pipe
	PT-CM-1-BK			Surface Ceiling Mount, mounts directly to ceiling or box w/ suppl. hardware

