

PTZOPTICS 3G-SDI Box Camera



Model Number:
PTEPTZ-ZCAM-G2
<https://ptzoptics.com/zcam/>

The PTZOptics EPTZ ZCAM is a 1080p @ 30fps camera with a 4K image sensor for capturing HD images at short distances. With support for 3G-SDI & IP streaming, this camera is ideal for delivering high definition video signals to broadcast or live streaming applications.

KEY FEATURES

- Panasonic 1/2.5" HD CMOS Sensor
- Full 1920x1080p HD Resolution up to 30 FPS
- 104° Horizontal Field of View
- 2D & 3D noise reduction
- Simultaneous Dual 3G-SDI & High Definition IP Output
- Dual SDI output (Full view / EPTZ view)
- H.264, H.265 & MJPEG IP streaming outputs
- RTMP / RTMPS & RTSP
- AAC Audio encoding over RTSP and RTMP / RTMPS
- Dynamic / Static IP addressing (Hold D-Pad left for 5+ sec to toggle)
- High performance in low light scenarios
- RS-485 & VISCA over IP available for camera control
- Four (4) Std 1/4-20 female threads for camera mounting
- PoE 802.3af (Power over Ethernet) or 12VDC
- 255 Presets
- 3-year warranty

WHAT'S IN THE BOX

EPTZ ZCAM Camera
Power Adapter
User Manual



Camera & Lens	
Video Sensor	1/2.5" CMOS, 8.51 Mega Pixels
Frame Rate	1080p-30/25, 1080i-30/25, 720p-30/25
Focal Length	F=2.8mm
Digital Zoom	Up to 8X
Field of View	104°
Min Lux	0.5 Lux at F1.8, AGC ON
Shutter Speed	1/30s - 1/10000s
SNR	≥55dB
Vertical Flip & Mirror	Supported
Horizontal Angle of View	42° (tele) - 104° (wide)
Vertical Angle of View	24° (tele) - 65° (wide)
Working Environment	Indoor

Rear Board Connectors	
SDI Output 1	Full camera view
SDI Output 2	EPTZ video feed
Video Output Interface	3G-SDI, IP (RTSP / RTMP)
Communication Interface	RS485 VISCA, Pelco-D, Pelco-P
Baud Rate	2400/4800/9600 bits
Power Supply Interface	JEITA type Power Adapter (DC in 12V)

Physical Specifications	
Dimensions (in.)	2.8W x 2.4H x 5.6D (6.3 w/ SDI)
Dimensions (mm.)	72W x 60H x 143D (162 w/ SDI)
Camera Weight	1.4 lbs. 0.63 kg
Box Dimensions (in.)	9.5W x 4.625D x 4.3H
Box Dimensions (mm.)	241.3W x 117.5D x 109H
Box Weight	2.0 lbs. 0.90 kg