

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
- 5-year warranty

WHAT'S IN THE BOX

- EPTZ ZCAM Camera
- Power Adapter
- PoE Splitter
- Quick Start Guide



| Camera & Lens | |
|--------------------------|-------------------------------|
| Video Sensor | 1/2.5" CMOS, 8.51 Mega Pixels |
| Frame Rate | 1080p-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 | 25° (tele) – 72° (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 |