

## 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                   |
| 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              |