

PTZOPTICS 3G-SDI Box Camera



Model Number:
PT20X-ZCAM
<https://ptzoptics.com/zcam/>

The PTZ Optics ZCAM-20X is a 1080p box camera with 20X optical zoom for capturing HD video even at a distance. With support for 3G-SDI & IP streaming, this camera is ideal for broadcasting high definition video signals for broadcast or video conferencing applications up to 1080p/60 resolution.

KEY FEATURES

- Panasonic 1/2.7" HD CMOS Sensor
- 3G-SDI High Definition Video Output
- H.264, H.265 & MJPEG IP streaming output (dual stream)
- AAC stereo unbalanced Audio Encoding over IP
- High performance in low light scenarios
- Full 1920x1080p HD Resolutions up to 60 frames per second via SDI
- 2D & 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
- 60.7° Field of View
- Std 1/4-20 female thread for camera mounting (bottom)
- PoE (Power over Ethernet)
- Hold left on Menu Navigation button for 5+ seconds to toggle Dynamic or Static IP addressing
- 3-year warranty

WHAT'S IN THE BOX

20X Box Camera
Power Adapter
User Manual



Camera & Lens

| | |
|--------------------------|--|
| Video CMOS Sensor | 1/2.7" CMOS, 2.07 Mega Pixels |
| Frame Rate | 1080p-60/50/30/25, 1080i-60/50, 720p-60/50 (IP Stream limited to 30 fps) |
| Focal Length | F=4.42mm ~ 88.5mm, F1.8-F2.8 |
| Lens Zoom | 20X |
| Mix Lux | 0.05 Lux (F1.8, AGC ON) |
| Shutter Speed | 1/25s - 1/10000s |
| SNR | ≥55dB |
| Vertical Flip & Mirror | Supported |
| Horizontal Angle of View | 3.4° (tele) - 60.7° (wide) |
| Vertical Angle of View | 1.9° (tele) - 34.1° (wide) |

Electrical Index

| | |
|---------------|---|
| Power Supply | 12W - 1A |
| Input Voltage | 12V DC (10.8 - 13.0V DC) PoE Class 3 - 802.3af |

Rear Board Connectors

| | |
|-------------------------|---|
| Video Output Interface | 3G-SDI, RJ45 IP Network |
| Communication Interface | RS485 VISCA, Pelco-D, Pelco-P |
| Baud Rate | 2400/4800/9600 bits |
| Power Supply Interface | JEITA type Power Adapter (DC IN 12V)/ PoE 802.3af |

Physical Specifications

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|----------------------|--------------------|
| Dimensions (in.) | 2.4W x 5.7D x 3.0H |
| Weight | 1.4 lbs. |
| Box Dimensions (in.) | 8.2W x 6.3D x 4.6H |
| Box Weight | 1.8 lbs. |