

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
- 5-year warranty
- Photobooth capable

WHAT'S IN THE BOX

- 20X Box Camera
- Power Adapter
- PoE Splitter
- Quick Start Guide



Camera & Lens	
Video Sensor	1/2.7" CMOS, 2.12 Mega Pixels
Frame Rates	1080p-60/50/30/25, 1080i-60/50, 720p-60/50 (IP Stream limited to 30 fps)
Focal Length	20x, F4.42mm-88.5mm, F1.8-F2.8
Lens Zoom	20x
Field of View	60.7°
Min Lux	0.05 Lux (@F1.8, AGC ON)
Shutter Speed	1/30s - 1/10000s
SNR	≥55dB
Vertical Flip & Mirror	Supported
Horizontal Field of View	3.36° (tele) to 60.7° (wide)
Vertical Field of View	1.89° (tele) to 34.1° (wide)
Working Environment	Indoor

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)
Physical Specifications	
Dimensions (in.)	2.4W x 5.7D x 3.0H
Dimensions (mm.)	60.9W x 144.7D x 76.2H
Camera Weight	1.4 lbs 0.63 kg
Box Dimensions (in.)	10W x 5D x 5H
Box Dimensions (mm.)	254W x 127D x 127H
Box Weight	2.0 lbs 0.90 kg