

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
- Photobooth capable

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

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.