



Model Number:

PT12X-ZCAM

<https://ptzoptics.com/zcam/>

PTZOPTICS

3G-SDI Box Camera

The PTZOptics ZCAM-12X is a 1080p box camera with 12X 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
- 72.5° Field of View
- Std 1/4-20 female thread for camera mounting (bottom)
- PoE (Power over Ethernet)
- Hold left button on Menu Navigation for 5+ seconds to toggle Dynamic or Static IP addressing
- 5-year warranty
- Photobooth capable

WHAT'S IN THE BOX

12X ZCAM Camera

Power Adapter

PoE Splitter*

Quick Start Guide



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=3.5mm ~ 42.3mm, F1.8-F2.8
Lens Zoom	12X
Mix Lux	0.05 Lux (@F1.8, AGC ON)
Shutter Speed	1/30s - 1/10000s
SNR	≥55dB
Vertical Flip & Mirror	Supported
Horizontal Angle of View	6.9° (tele) - 72.5° (wide)
Vertical Angle of View	3.9° (tele) - 44.8° (wide)

Electrical Index

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

*PoE Splitter is included with serial numbers yg02250001 and beyond.

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.)	3.1W x 2.9H x 5.7D
Dimensions (mm.)	78W x 73H x 143D
Camera Weight	1.4 lbs. 0.63 kg
Box Dimensions (in.)	10W x 5H x 5D
Box Dimensions (mm.)	254W x 127H x 127D
Box Weight	2.0 lbs. 0.90 kg