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)

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 Weight 2.0 lbs. | 0.90 kg

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