



**Model Number:**

PT12X-NDI-ZCAM (white)  
<http://ptzoptics.com/ndi/>

## PTZOPTICS Broadcast & Conference Camera

The PTZOptics 12X-NDI ZCAM is a 1080p camera with 12X optical zoom for capturing HD images at long distances. With support for NDI|HX, 3G-SDI, and IP streaming (H.264, H.265, & MJPEG), this camera is ideal for broadcasting high definition video signals for broadcast, recording, or video conferencing applications.

### KEY FEATURES

- Panasonic 1/2.7" HD CMOS Sensor
- 3G-SDI & NDI® |HX High Definition Video Output
- H.264, H.265, & MJPEG IP streaming output (dual stream)
- AAC Audio encoding over IP
- High performance in low light scenarios
- Full 1920x1080p HD Resolutions up to 60 FPS via SDI (30 FPS over NDI)
- 3G-SDI, & NDI or IP streaming (Both simultaneously)
- Std 1/4-20 female thread for camera mounting (bottom)
- PoE (Power over Ethernet) or 12VDC
- RTMP, RTSP, and NDI|HX
- 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 NDI |HX ZCAM Camera
- Power Adapter
- PoE Splitter\*
- Quick Start Guide



Camera & Lens	
Video Sensor	1/2.7" CMOS, 2.07 Mega Pixels
Frame Rates	1080p-60/50/30/25, 1080i-60/50, 720p-60/50 (IP Stream limited to 30 fps)
Focal Length	12x, F4.42mm-88.5mm, F1.8-F2.8
Lens Zoom	12x
Field of View	72.5°
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	6.9° (tele) to 72.5° (wide)
Vertical Field of View	3.9° (tele) to 44.8° (wide)
Working Environment	Indoor

Rear Board Connectors	
Video Output Interface	3G-SDI, NDI  HX
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.)	3.1W x 2.9H x 5.7D (6.3" D w/ SDI)
Dimensions (mm.)	78W x 73H x 143D (160mm D w/ SDI)
Camera Weight	1.45 lbs   0.66 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

\*PoE Splitters are included with serial numbers vg02250001 and beyond.