



Model Number:
 PTVL-NDI-ZCAM (white)
<http://ptzoptics.com/ndi/>

PTZOPTICS Broadcast & Conference Camera

The PTZOptics VL-NDI ZCAM is a 1080p camera with wide angle lens for capturing HD images at short 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 stereo unbalanced audio encoding over IP & NDI
- 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 (top & bottom)
- PoE (Power over Ethernet) or 12VDC
- RTMP, RTSP, and NDI|HX
- C/CS Type lens mount
- RS485 and IP remote camera control
- 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

- Box Camera
- 4X Zoom Wide Angle Lens
- Power Adapter
- PoE Splitter*
- Quick Start Guide



*PoE Splitters are included with serial numbers tb02250001 and beyond.

Camera & Lens	
Video CMOS Sensor	1/2.7" CMOS, 2.07 Mega Pixels
	1080p 60/50/30/25, 1080i 60/50
Frame Rate	720p 60/50 (IP Stream limited to 30 fps)
Included Lens	F3.8mm ~ 13mm, F1.4+
Incl. Lens Zoom	4X Optical Zoom
Incl. Lens Field of View	72°
Min Lux	0.05 Lux (@F1.8, AGC ON)
Shutter Speed	1/30s - 1/10000s
SNR	≥55dB
Vertical Flip & Mirror	Supported
Incl. lens H Angle of View	21° (tele) - 72° (wide)
Incl. lens V Angle of View	12° (tele) - 45° (wide)
Working Environment	Indoor

Rear Board	
Video Output	3G-SDI, NDI HX
Network Interface	RJ45 (PoE 802.3af)
Audio Interface	AAC unbalanced stereo (NDI HX)
Communication	RS485 VISCA, Pelco-D, Pelco-P
Baud Rate	2400/4800/9600 bits
Power Supply	JEITA type Power Adapter (DC IN)
Electrical Index	
Power Supply	12W (Max) or PoE 802.3af
Input Voltage	12V DC (10.8 - 13.0V DC) or PoE
Physical Specs.	
Dimension (in.)	2.8W x 2.4H x 5.94D (8.25 w/ incl.)
Dimensions (mm.)	72W x 61H x 151D (210 w/ incl. lens)
Camera Weight (lbs.)	0.85 (1.05 w/ incl. lens)
Camera Weight (kg.)	0.39 (0.48 w/ incl. lens)