



Model Number:

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

PTZOPTICS Broadcast & Conference Camera

The PTZ Optics 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
- 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 (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
- 3-year warranty

WHAT'S IN THE BOX

- Box Camera
- 4X Zoom Wide Angle Lens
- Power Adapter
- User Manual



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	F4.42mm-88.5mm, F1.8-F2.8
Included Lens Zoom	4x
Incl. Field of View	122°
Min Lux	0.5 Lux at F1.8, AGC ON
Shutter Speed	1/30s - 1/10000s
SNR	≥55dB
Vertical Flip & Mirror	Supported
Horizontal Field of View	28° (tele) to 122° (wide)
Vertical Field of View	16° (tele) to 91°(wide)
Working Environment	Indoor

Rear Board Connectors	
Video Output Interface	3G-SDI, NDI HX, 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)

Physical Specifications	
Dimensions (in.)	2.4W x 5.7D x 3.0H
Dimensions (mm.)	60.9W x 144.7D x 76.2H
Camera Weight	1.4 lbs 0.63 kg
Box Dimensions (in.)	10W x 5D x 5H
Box Dimensions (mm.)	254W x 127D x 127H
Box Weight	1.54 lbs 0.69 kg