



Model Number:

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

PTZOPTICS Broadcast & Conference Camera

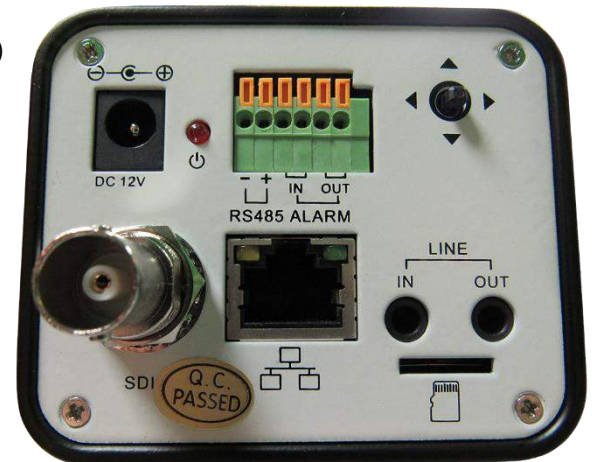
The PTZOptics VL-NDI ZCAM is a 1080p camera with wide angle lens for capturing HD images at short distances. With support for NDI|HX, 3G-SDI, and IP streaming (H.264, H.265, & MJPEG), this camera is ideal for broadcasting high definition video signals for broadcast, recording, or video conferencing applications.

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 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 (top & bottom)
- PoE (Power over Ethernet) or 12VDC
- RTMP, RTSP, and NDI|HX
- C/CS Type lens mount
- RS485 and IP remote camera control

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 (SDI)	1080p-60/50/30/25, 1080i-60/50/30/25 720p-60/50/30/25
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

Product Line

	PT12X-SDI-GY-G2		PT12X-SDI-WH-G2	1080p PTZ camera, 12X optical zoom, 3G-SDI, HDMI, IP Streaming
	PT12X-USB-GY-G2		PT12X-USB-WH-G2	1080p PTZ camera, 12X optical zoom, USB3.0, HDMI, IP Streaming
	PT20X-SDI-GY-G2		PT20X-SDI-WH-G2	1080p PTZ camera, 20X optical zoom, 3G-SDI, HDMI, IP Streaming
	PT20X-USB-GY-G2		PT20X-USB-WH-G2	1080p PTZ camera, 20X optical zoom, USB3.0, HDMI, IP Streaming
	PT20X-ZCAM-G2			1080p Box Camera, 20X optical zoom, 3G-SDI, IP Streaming
	PTVL-ZCAM-G2			1080p Box Camera, Variable Lenses (4X included), 3G-SDI, IP Streaming

Control Accessories

	PT-BRDCSTR-(L,E,P)	Remote PTZ Head for handheld-broadcast cameras (3 models)
	DB9M-F-xx	Extension Cable, DB9M-F, Plenum, 4 lengths shown in ft. (xx=25, 50, 75, 100)
	VISCA-xx	Daisy Chain Cable, miniDIN8-MM, 4 lengths shown in ft. (xx=25, 50, 75, 100)
	HDSDI-xx	3G SDI Cable, BNC-MM, Plenum, 4 lengths shown in ft. (xx=25, 50, 75, 100)
	HC-JOY-G2	RS232, RS485, RS422, 3D Joystick and Keyboard, VISCA, Pelco-P, Pelco-D
	PT-JOY	IP control, 4D Joystick and Keyboard, Durable Metal Case

Mounting Accessories

	HCM-1-BK		HCM-1-WH	Small Wall Mount, mounts directly to wall or box with supplied hardware
	HCM-2-BK		HCM-2-WH	Large Wall Mount, mounts directly to wall or box with supplied hardware
	HCM-1C-WH			Small Open Ceiling Mount, mounts to 1"NPT pipe
	HCM-2C-WH			Large Open Base Ceiling Mount, mounts to 1"NPT pipe
	PT-CM-1-BK			Surface Ceiling Mount, mounts directly to ceiling or box w/ suppl. hardware