

Tenveo VHD series FHD NDI PTZx Camera

# VHD NDI PTZ CAMERA

10X/12X/20X/30X optical zoom for option



FULL  
HD

60  
FPS

NDI|HX

USB2.0+HDMI+SDI

WIDE  
View Angle

WIDE  
Compatibility

Tenveo VHD Multi-interface series cameras are equipped with latest NDI®HX SDK, HDMI, SDI and USB video outputs and RJ45 interface. With wide FOV, high-speed and smooth PTZ operations, VHD series cameras provide you a variety of options to meet your needs.

## Super High-definition Image

It employs a 1/2.8 inch high quality SONY CMOS Sensor. Resolution is up to 1920\*1080P@60Hz.



## 10X/12X/20X/30X Optical Zoom 1080P HD Video Camera

The camera delivers professional video quality, brilliantly sharp video resolution, and outstanding color reproduction.

## Accurate, Smooth and Silent PTZ Movements

By adopting high accurate video motor mechanism, it works extremely quietly and moves smoothly and very quickly to the designated position. Its horizontal rotation angle is:  $-175^{\circ}$ – $+175^{\circ}$  and the vertical rotation angle is:  $-90^{\circ}$ – $+90^{\circ}$ . It also supports preset position settings.



## NDI®|HX, HDMI, 3G, -SDI and USB various video output interface

NDI®|HX, HDMI2.0, SDI and USB2.0 simultaneously output full HD resolution, ideal for professional live streaming applications.



## Wide Compatibility

Compatible with Zoom, Skype for business, Microsoft Lync(Teams), Voovmeeting, CISCO WebEx and other conferencing software. Make sure your internet upload/download speeds exceed at least 2M bits per second(>256KB/s). System Requirements: Windows 7 or higher, Mac OS X 10.7 or higher, Linux (Required to support UVC) .



Model	VHD12N (NDI)	VHD10N (NDI)	VHD20N (NDI)	VHD30N (NDI)
Sensor	1/2.8"SONY CMOS			
Effective pixel	2.38 mega pixel			
Video signals	1080p-60/50/30/25,720p-60/50/30/25			
Zoom	12x optical zoom	10x optical zoom	20x optical zoom	30x optical zoom
Lens	f=3.85mm ~ 46.2mm	f=4.34mm ~ 35.17mm	f=5.5-110mm	f=4.7 ~ 141mm
Aperture	F2.4 ~ F4.0	F1.85 ~ 2.63	F1.6 ~ 3.5	F1.5 ~ 4.0
Horizontal angle	73.0°(W)-6.97°(T)	68.8°(W)-8.8°(T)	58.6°(W)-3.6°(T)	60.5°(W)-2.3°(T)
Vertical angle	43.1°(W)-3.92°(T)	39.5°(W)-5.1°(T)	54.7°(W)-3.3°(T)	35.1°(W)-1.3°(T)
Diagonal angle	81.1°(W)-7.99°(T)	77.2°(W)-10.1°(T)	60.2°(W)-3.7°(T)	69.5°(W)-2.7°(T)
Video output	USB, HDMI, SDI, RJ45			
Video encoding format	MJPEG/YUY2/H.264/H.265			
Network Protocol	NDI HX2, RTSP, RTMP, ONVIF, GB28181; Support VISCA Over IP			
Video resolution	1080P (1920 *1080) etc			
Signal standard	NTSC/PAL			
Preset position	User can set up to 255 presets (IR remote 10 presets)			
Control terminal	RS-232 , RS485			
Shutter	auto/manual / 1/1s ~ 1/30,000s			
Baud rate	38400/9600bps			
Control protocol	Onvif, VISCA, PELCO-D, PELCO-P(RS-232, RS485)			
USB protocol	UVC1.1			
Minimal Illumination	0.01 lux(F1.5 AGCON color)			
SNR	≥50dB			
Vertical rotation	120° (±60°) 0.1°/s ~ 80°s	180° (±90°) 0.1°/s ~ 80°s		
Power supply	DC 12V/2A			
Power consumption	12W			
Work temperature	0°~+50°			
Work humidity	0~95% RH			
Product size	247*165*171mm/285*217*197mm (before / after packing)			
Product weight	1.3kg/2.05kg			

For above specification, we have VHD-H series with USB+HDMI NDI output for your option.

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