

VLOOP (NDI) 5X/10X/20X

NDI®|HX 1080P Live Streaming PTZ Video Camera



NDI®|HX

PoE

1080P
UHD

Multi
interface

Wide
View Angle

Tenveo Vloop(NDI) is equipped with latest NDI®HX , SDK, PoE, USB 3.0, Sony Sensor, 1080P full HD resolution. It delivers sharp video, outstanding color, and exceptional optical accuracy. Its built-in AI technology optimizes light balance to emphasize faces and render natural-looking skin tones even in dim or backlight conditions. In addition, 5X/10X and 20X optical zoom with Wide Horizontal Angle enables VLoop ptz camera to easily meet the needs of small to large-sized meeting rooms.

1080P Full HD, extraordinary clear and realistic video conferencing experience

Tenveo VLoop adopts Sony IMX307 1/2.8" CMOS and full HD standard image system. That's why even on large-screen TVs, images delivered by it are still realistic, not pixelated. 1080P, 2.38 megapixel and Sony Sensor help you enjoy high-quality video conferences and further enhance team collaboration.



5X/10X/20X Optical Zoom, more image details without losing quality

With 5X/10X/20X optical zoom, Tenveo Vloop ptz camera (NDI) deliver you a video image filled with details, even if you zoom in to examine the details. The image is as seen by eyes without distortion.

Multiple-interface, more flexible personalized options for you

Aligning with USB3.0, HDMI, and RJ45, Tenveo VLoop (NDI) PTZ camera brings great flexibility to video conferencing options. USB 3.0 output offers a transfer rate that is 10 times faster than USB2.0, so this camera could greatly improve the meeting experience and avoid video freezes. If you want to use large-screen TVs, the VLoop 12U (NDI) also has HDMI ports for you to choose.



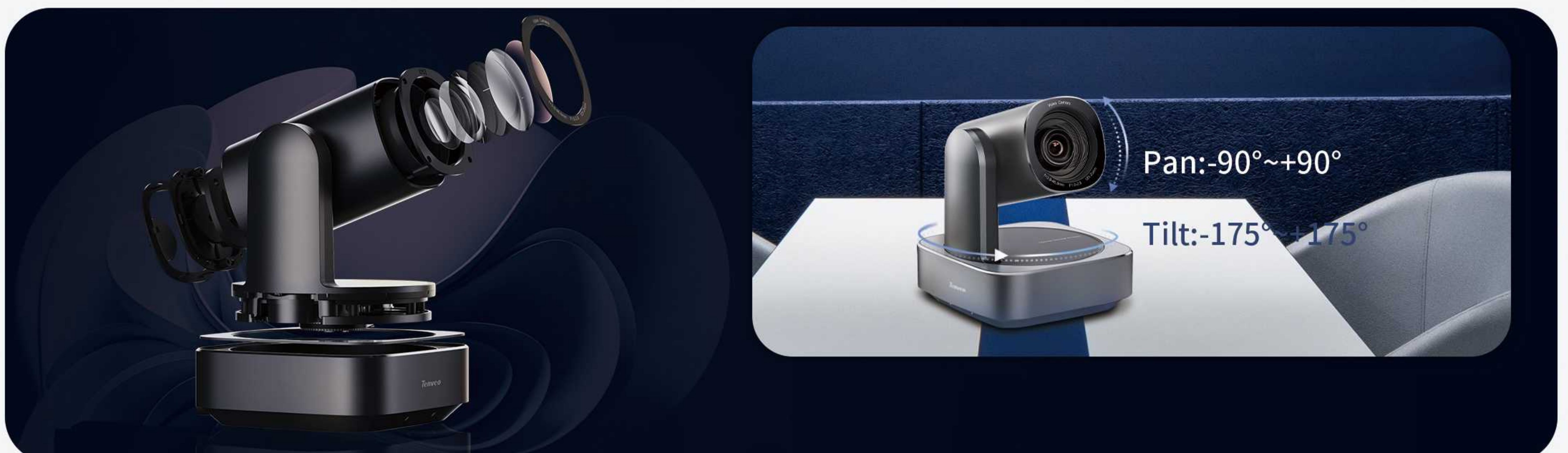
Embed the Latest NDI® HX and POE. Zero-latency and perfect for online live-streaming (RTMP, RTSP)

With NDI technology, efficient, high-quality transmission becomes a reality. NDI can also help to make your live video production workflow in the TV studio easier and more flexible due to its low-latency feature. RTMP and RTSP enables your live-streaming to YouTube Live, Facebook, Instagram, and other platforms smooth.



HD wide-angle lens presents a wider and clearer world

Tenveo VLoop (NDI) PTZ camera is equipped with lens of wide angle, which means the camera could cover a wide range and provides a spectacular view. It will surprise you with its quiet and smooth rotation (tilt rotation: $\pm 90^\circ$, pan rotation: $\pm 175^\circ$).



Camera			
Model No.	VL5N	VL10N	VL20N
Item Name	USB/HDMI PTZ Camera with 5x zoom	USB/HDMI PTZ Camera with 10x zoom	USB/HDMI PTZ Camera with 20x zoom
Image Sensor	Sony IMX307 1/2.8" CMOS		
Effective Pixels	2.38MP		
Lens	f=3.2-13.2mm	f=4.34mm-35.17mm	f=5.5mm-110mm
Aperture	F1.8 ~ F2.8	F1.85 ~ F2.63	F1.6 ~ F3.5
Video Format	1080p-60/50/30/250, 720p-60/50/30/25		
Optical Zoom	5x zoom	10x zoom	20x zoom
Horizontal Angle	95°	68.8°(W)-8.8°(T)	55.8°(W)-3.2°(T)
Vertical Angle	85°	39.5°(W)-5.1°(T)	32.2°(W)-1.8°(T)
Diagonal Angle	53°	77.2°(W)-10.1°(T)	61°(W)-3.64°(T)
Backlight Compensation	Support		
SNR	>50dB		
Focus	Auto / Manual		
Digital Noise Reduction	2D & 3D Noise Reduction		
Exposure	Auto / Manual		

General Parameter

Operation Systems	Windows 7, Windows 8.1, Windows 10, Windows 11; Android, Mac OS™ 10.10 or higher, Linux (Require to support UVC.)
Input Voltage	DC 12V
Input Current	2.0A (Max.)
Power Consumption	13W (Max.)
Store Temperature	-10℃ ~ +60℃
Store Humidity	20% ~ 90%
Working Temperature	-10℃ ~ +50℃
Working Humidity	20% ~ 80%
Dimension (W*H*D)	171.6*192.6*171.6mm/ 260*217*197mm (before/ after packing)
N.W. / G.W.	1.35kg/ 2.05kg (Net/ Gross weight)
Accessory	1 x Camera; 1 x USB Cable; 1 x Power Adapter; 1 x Wall Mount; 1 x Manual
Mfg. Warranty	3 Years Parts & Labor

PTZ Parameter

Pan/ Tilt Rotation	±175°, -90° ~ +90°
Pan Control Speed	0.1 -80°/sec
Tilt Control Speed	0.1 -60°/sec
Preset Number	255 presets by Pelco-D, 32 presets by Pelco-P, 7 presets by Visca (10 presets by remote controller)

I / O Interface

Video Interfaces	HDMI, TYPE-C, RJ45
Video Compression Format	H.264, H.265, MJPG, YUY2
LAN	10M/100M adaptive Ethernet port; Support POE IEEE802.3af
Network Protocol	RTSP, RTMP, ONVIF, GB28181; Support VISCA Over IP
Control Protocol	VISCA/Pelco-D/Pelco-P; Baud Rate: 9600/4800/38400/2400
Control Interface	RS232 (input & output), RS485, TYPE-C(UVC1.1)

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