

VLOOP (NDI) 20X

NDI®|HX 1080P Live Streaming PTZ Video Camera



NDI®|HX

PoE

1080P
UHD

Multi
interface

Wide
View Angle

Auto
Tracking

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 while the advanced AI Humanoid Auto Tracking feature ensures precise and smooth auto-framing of speakers for enhanced engagement. Additionally, the 20X optical zoom with Wide Horizontal Angle enables VLoop 20N to easily meet the needs of medium 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.



20X Optical Zoom, AI Humanoid Auto Tracking

Tenveo VLoop 20N's AI Humanoid Auto Tracking technology leverages the latest human detection AI 20X Optical Zoom algorithms for swift and precise tracking. Presenter Tracking mode offers strong locking and Capture More Detail Without Compromising Quality anti-interference capabilities, allowing presenters to freely interact with their audience. Zone Tracking mode focuses on a specific area, perfect for highlighting presentations or demonstrations.

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 (NDI) also has HDMI ports for you to choose.



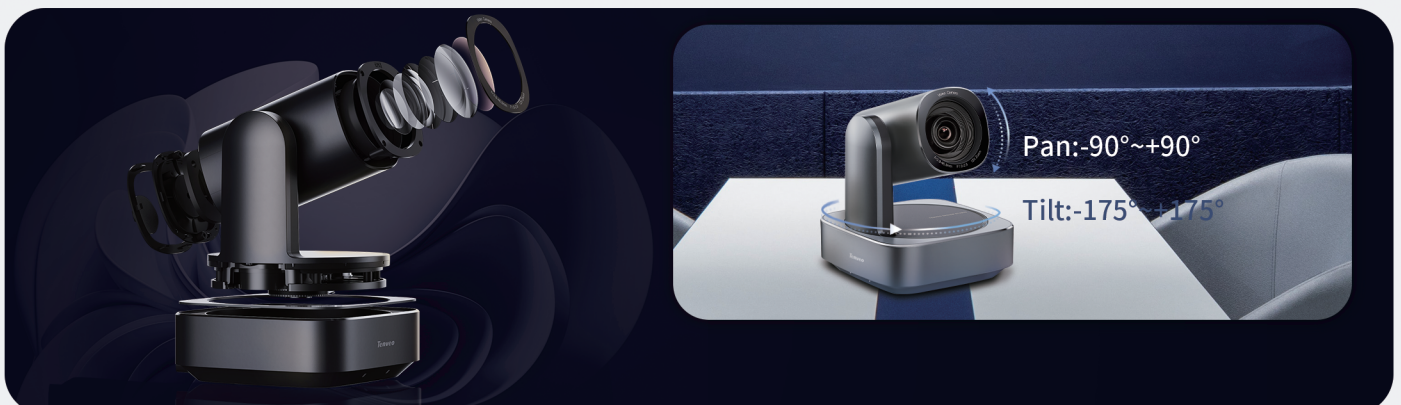
Embed the Latest NDI® HX and POE. Zero-latency and perfect for online live-streaming IRTMP, RTSP

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.	TEVO-VL20N(NDI)
Image Sensor	Sony IMX327 1/2.8" CMOS
Effective Pixels	2.07MP
Lens	f=5.5mm-110mm
Aperture	F1.6-3.5
Video Format	HDMI: 1920*1080P@60/59.94/50/30/29.97/25fps,1280*720P@60/59.94/50/30 USB3.0: H.264/H.265/MJPEG: max to 1080P@60fps NV12/YUY2: max to 896P@60fps
Optical Zoom	20x zoom
Horizontal Angle	55.8°(W)-3.2°(T)
Vertical Angle	32.2°(W)-1.8°(T)
Diagonal Angle	61°(W)-3.64°(T)
Backlight Compensation	Support
SNR	>50dB
Focus	Auto / Manual
Digital Noise Reduction	2D & 3D Noise Reduction
Exposure	Auto / Manual
AI Support	Yes (Auto Framing/Presenter Tracking)

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	24W (Max.)
Store Temperature	-20℃~ +60℃
Store Humidity	20% ~ 90% RH
Working Temperature	0℃~ +40℃
Working Humidity	20% ~ 80% RH
Dimension (W*H*D)	143*143*159mm/ 285*217*197mm (before/ after packing)
N.W. / G.W.	1.4kg/ 2.6kg (Net/ Gross weight)
Accessory	1 x Camera; 1 x USB Cable; 1 x Power Adapter; 1x IR remote control; 1 x Wall Mount; 1 x Manual
Mfg. Warranty	3 Years standard Parts & Labor warranty

PTZ Parameter

Pan/ Tilt Rotation	±175°, -90°~ +90°
Pan Control Speed	0.1 -80°/sec
Tilt Control Speed	0.1 -60°/sec
Preset Number	User can set up to 255 presets (10 presets by IR remote)

I / O Interface

Video Interfaces	HDMI, USB3.0-C, RJ45
Video Compression Format	H.264, H.265, MJPEG, YUY2
LAN	10M/100M adaptive Ethernet port; Support POE IEEE802.3af
Network Protocol	NDI HX2(Optional),RTSP, RTMP, ONVIF, GB28181; Support VISCA Over IP
Control Protocol	VISCA/Pelco-D/Pelco-P; Baud Rate: 38400/9600/4800/2400
Control Interface	RS232 (input only), RS485, USB3.0 C(UVC1.1), RJ45
Main Stream Resolution	1920x1080
Sub Stream Resolution	1280x720

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