

Tenveo VA612 Video and Audio Group

VA612 GROUP

Ultra HD 4K Camera + Full Duplex Speakerphone + 2 Expansion Mics + Hub



4K
UHD

12X
Zoom

350 deg. Pan
& **180 deg. Tilt**

Built-in 8 Mics



2 Expansion
Mics

9m
Pickup Radius

VA612 Group, Tenveo's video conferencing solution for mid to large-size conference rooms, delivers high quality Ultra HD video and crystal clear audio, allowing any meeting place to be a video collaboration space. The Group brings together an Ultra HD 4K PTZ Camera with 12x Optical Zoom, a Full Duplex Speakerphone with 360° Voice Pickup capability, a Hub and 2 Expansion Mics. With advanced features like acoustic echo cancellation, noise reduction technology and control and configuration of the camera with the included handheld remote control or the speakerphone. now it's easier than ever to include anyone in the conversation.

4K Ultra HD, 12x Optical Zoom, Extraordinary Clear and Realistic Video Conferencing Experience

The VA612 Group's PTZ camera features a 1/2.8" HD CMOS sensor that can record in 4k@30fps resolution, ensuring that all details of your meeting are captured. In addition, the camera has a 12x optical zoom lens to ensure high quality close-ups can be achieved. The camera also supports a wide 70.82 degree field of view with no distortion.



Multiple-interfaces, All-in-One personalized Options for You

The VLoop camera is compatible with multiple devices through DP to Hub, HDMI to your TV, and RS232/RS485 to the keyboard controller. The HUB has 4 interfaces. 2*DP Ports connect to camera and speakerphone, a USB-C connects to your PC, and a power hole for power supply.



Plug-and-Play Setup

Simply connect the ptz camera and speakerphone to powered hub through DP ports, the 2 expansion microphones to the speakerphone via two 3.5mm jack, and the hub to PC or Mac via USB-C to get up and running in a snap. The HDMI port on the PTZ camera provides an additional option for the camera directly connected to TV.



Fitting in Different Scenarios

Tenveo VA612 Group is compatible with Zoom, Skype for business, Microsoft Lync(Teams), VooV Meeting, CISCO WebEx and other conferencing software. Make sure your internet upload/download speeds exceed at least 2M bit per second(>256KB/s). System Requirements: Windows 7 or higher, Mac OS X 10.7 or higher, Linux. (Required to support UVC)



Name	HD Conference Group
	HD Conference Camera
Optical Zoom	12x zoom
Image Sensor	1/2.8" SONY CMOS
Effective Pixels	8.29MP
Lens	f=3.9mm-46.8mm
Aperture	F1.6-2.8
Video Format	4KP@30fps,1080P@60/50/30/25fps, 720P@60/50/30/25fps H.264, H.265, MJPG, YUY2, NV12
Horizontal Angle	70.82°(W)-6.48°(T)
Focus	Auto / Manual
Digital Noise Reduction	2D & 3D Noise Reduction
Exposure	Auto / Manual
Video Interfaces	HDMI, DP
Video Compression Format	H.264, H.265, MJPG, YUY2
Control Protocol	VISCA/Pelco-D/Pelco-P
Baud Rate	38400/9600/4800/2400
Control Interface	RS232 (input only), RS485, UVC1.1
Pan/Tilt Rotation	±175°, ±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)
	Speakerphone
Acoustic Echo Cancellation(AEC):	>65dB
Speaker Power	5W
Speaker Volume	110dB
Response	100Hz-20KHz
Pickup Range	6m(Radius), 9m(with 2 Expandable mics)
Microphone Sensitivity	-38dBFS
SNR(Signal to Noise Ratio)	62dB
Interface	DP interface; 2x3.5mm Jack(for Expansion Mics)
	Hub
Interface	DP*2; Power interface*1; USB Type-C*1
Power Supply	DC 12V
USB Cable	3m USB cable*1
Connection Cable	5m DP cable*2
	General Parameter
Operation Systems	Windows 7 or higher; Android, Mac OS™ 10.10 or higher, Linux (Required to support UVC.)
Application Support	Compatible with Zoom, MS Teams, Skype and etc.
Input Voltage	DC 12V
Input Current	2.0A(Max)
Store Temperature	-10°C ~ +60°C
Store Humidity	20% ~ 90%
Working Temperature	-10°C ~ +50°C
Working Humidity	20% ~ 80%
Dimension (W*H*D)	Camera: 171.6*192.6*171.6mm; Speakerphone: 143mm*143mm*75mm; Hub: 98*98*20mm
N.W. / G.W	2.77kg/4kg(net / gross weight)

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