



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



Upgrade your meetings with Ultra HD 4K video and crystal-clear audio for mid to large conference rooms. Featuring a 4K PTZ camera with 12x zoom, a full duplex speakerphone with 360° voice pickup, two expansion mics, and a central hub, it ensures seamless communication. Acoustic echo cancellation and noise reduction enhance clarity, while easy controls via remote or speakerphone make adjustments effortless. Experience smarter, more engaging collaboration with On&Sys.

4K PTZ Camera Precision, Clarity, and Performance



The VA612 PTZ Camera delivers 4K Ultra HD resolution at 30fps, ensuring every detail is captured with stunning clarity. With 12x optical zoom and a 70.82° field of view, it provides high-quality close-ups and a wide perspective. Advanced imaging technology guarantees distortion-free visuals, making it ideal for seamless video conferencing.

Specifications		
HD Conference Camera	Optical Zoom	12x zoom
	Image Sensor	1/2.8" SONY CMOS
	Effective Pixels	8.29 MP
	Lens	F=3.9mm-46.8mm
	Aperture	F1.6-2.8
	Video Formatfps	4KP@30fps, 1080P@60/50/30/25fps, 720P@60/50/30/25fps
	Video Compression Format	H.264, H.265, MJPG, YUY2, NV12
	Horizontal Angle	70.82°(W)-6.48°(T)
	Digital Noise Reduction	Auto/Manual
	Noise Reduction	2D & 3D Noise Reduction
	Exposure	Auto/Manual
	Video Interfaces	HDMI, DP
	Baud Rate	38400/9600/4800/2400
	Control Protocol	VISCA/Pelco-D/Pelco-P
	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	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	DP2; Power interface1; USB Type-C*1
	Power Supply	DC 12V
	USB Cable	3m USB cable*1
	Connection Cable	5m DP cable*2
General Parameters	Operating System	Windows 7 or higher; Android; Mac OS 10.10 or higher; Linux (UVC required)
	Application Support	Compatible with Zoom, MS Teams, Skype, etc.
	Input Voltage	DC 12V
	Input Current	2.0A (Max)
	Storage Temperature	-10°C ~ 60°C
	Storage Humidity	20% ~ 95%
	Working Temperature	-10°C ~ 40°C
	Working Humidity	20% ~ 80%
	Dimension (WHD)	Camera: 171.6192.6171.6mm, Speakerphone: 143mm143mm75mm, Hub: 989820mm
	N.W. / G.W	2.77kg/4kg (net/gross weight)