

V540D DUAL-LENS PTZ CONFERENCE CAMERA



40x Zoom



Zone Following



PIP mode



Auto-framing



NDI



Rich Interfaces

NEARITY V540D is a 4K dual - lens PTZ conference camera. Its super 40x zoom make you always look professional with no details lossed. Powered by AI algorithm, V540D is featured with intelligent functions such as Auto-framing, Zone Following, Auto-Focus, which bring you a life-like remote collaboration experience. V540D is the perfect choice for classrooms, auditoriums and large meeting rooms.

Product features

Premium studio quality video, more than a Pro

Capture every detail with a 4K UHD video and 40x combined zoom Lens.

Dual camera technology

Create immersive virtual experiences with the seamlessly integrated secondary panoramic camera.

Customizable image adjustment

Automatic white balance adjustment ensures you stand out in changing conditions, while user adjustable image parameters like brightness, contrast, and more allow you to enhance your meeting space.

NDI function

The product supports NDI function by default, which allows for convenient video streaming through the network. It has a wide range of applications and great performance.

Designed for privacy

Automatically swivels from the current position to the rear to ensure enterprise and personal security when the meeting ends.

ROI Long-Range Zone Following and Switchable Auto Framing

ROI Long-Range Zone Following enables users to automatically track fixed ROI areas at greater distances and in various scenes, without having to worry about the focus and rotation rate of the PTZ lens, and more accurately and clearly display the object image at long distance.

Switchable Auto Framing can be switched through the Nearsync software to achieve the unified effect of auto framing in conference room environments with different angles and distances, so as to achieve coverage of multi-scene conference rooms.

- 40x hybrid zoom(20x optical; 2x digital)

- 8MP/30fps Video Output

- Pan/Tilt range: pan: $\pm 175^\circ$; tilt: $\pm 30^\circ$

- NDI function

- ROI Long-Range Zone Following

- Switchable Auto Framing

- 255 position presets

- A20S daisy- chain

NEARITY V540D Datasheet

Contents	Technical Specifications
PTZ Lens Characteristics	Aperture F/1.8~2.9, Sony CMOS sensor
	20x optical zoom + 2x digital zoom
	FOV(D): wide 65°
	FOV(H): wide 58°
	FOV(V): wide 35°
	Non-distortion lens
Panoramic Lens Characteristics	Aperture F/1.8, Sony CMOS sensor
	FOV(D): 120°
	FOV(H): 110°
	FOV(V): 70°
	Non-distortion lens
Video Characteristics	Anti-flickering, Auto-exposure, Automatic white balance
	3D noise suppression
	4K video output
	Aspect ratio: 16:9
	YUV: max of 480P@30fps; MJPEG: max of 1080P@30fps; H264: 2160P@30fps
Video Features	Zone following
	Auto-framing
	Picture in Picture(PIP) mode
PTZ Features	Pan/Tilt range: pan: $\pm 175^\circ$; tilt: $\pm 30^\circ$
	Pan speed: 1.7° ~ 100° /s
	Tilt speed: 0.7° ~ 28° /s
	H & V flip supported
	255 position presets
	Privacy protection supported
Power and Connectivity	Power supply DC12V/1.5A
	USB 2.0 Type-B
	USB 2.0 Type-C
	HDMI OUT
	RJ45 *2(Support POE IN*1, POE OUT*1)
	RS232 IN/ RS232 OUT/ RS485
	SDI OUT
	3.5mm line in/out
Compatible Operating Systems	Windows/Mac/Linux
Physical Characteristics	Height: 166mm(6.5 inches); Width: 153mm(6 inches); Depth: 153mm(6 inches)
	Net weight: 1061g(37.43 oz)
	Color: Dark Gray
Optional Mounts	TV Bracket / Wall bracket
Packing List	V540D*1, USB convert cable(B to A)*1, Power adapter*1, Remote control*1, User manual*1

*All tech specs are subject to change without notice.