

# V520D DUAL-LENS PTZ CONFERENCE CAMERA



1080P

1080P  
Full HD



Zone  
Following



PIP mode



Auto-  
framing

NDI

NDI



Rich  
Interfaces

NEARITY V520D is a dual - lens PTZ conference camera. Its 20x zoom non-distortion lens and super expansive view ( $\pm 175^\circ$  horizontal rotation range) make you always look professional with no details lost. Powered by AI algorithm, V520D is featured with intelligent functions such as Auto-framing, Zone Following, Auto-Focus, which bring you a life-like remote collaboration experience. V520D 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 1080P Full HD video and 20x 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.

### Enable Audio Tracking Integration with Nearity CeilingMic system

Audio Tracking Integration is an all new function that integrates V520D cameras with A40/A50 ceiling microphones. The camera automatically identifies speakers and adjusts its field of view instantly by voice tracking, according to your preset area settings.

•10x optical zoom + 2x digital zoom

•Dual-lens design

•Super expansive 350° view

•NDI function

•Zone following

•Auto-framing

•Picture in Picture(PIP)

•255 presets

# NEARITY V520D Datasheet

Contents	Technical Specifications
PTZ Lens Characteristics	Aperture F/1.8~2.6
	Sensor: SONY CMOS, 5MP
	10x optical zoom + 2x digital zoom
	FOV(D): wide 78°
	FOV(H): wide 69°
	FOV(V): wide 40°
Panoramic Lens Characteristics	Aperture F/1.8
	Sensor: 1/2.9 inches CMOS, 2MP
	FOV(D): 120°
	FOV(H): 110°
Video Characteristics	FOV(V): 70°
	Anti-flickering, Auto-exposure, Automatic white balance
	3D noise suppression
	1080P
	Aspect ratio: 16:9
Video Features	YUV: max of 480P@30fps; MJPEG: max of 1080P@30fps; H264: max of 1080P@30fps
	Zone following
	Auto-framing
PTZ Features	Picture in Picture(PIP) mode
	Pan/Tilt range: pan: $\pm 175^\circ$ ; tilt: $\pm 30^\circ$
	Pan speed: $1.7^\circ \sim 100^\circ /s$
	Tilt speed: $0.7^\circ \sim 28^\circ /s$
	H & V flip supported
	255 position presets
Power and Connectivity	Privacy protection supported
	Power supply DC12V/1.5A
	USB 2.0 Type-B
	USB 2.0 Type-C
	HDMI OUT
	RJ45 (PoE supported)
	RS232 IN/ RS232 OUT/ RS485
	SDI OUT
Compatible Operating Systems	3.5mm line in/out
	Windows/Mac/Linux
	Height: 166mm(6.5 inches); Width: 153mm(6 inches); Depth: 153mm(6 inches)
Physical Characteristics	Net weight: 1061g(37.43 oz)
	Color: Dark Gray
Optional Mounts	TV Bracket / Wall bracket
Packing List	V520D*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.