

# V520D DUAL-LENS PTZ CONFERENCE CAMERA



1080P  
Full HD



Zone  
Following



PIP mode



Auto-  
framing



Speaker  
Tracking



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 -focus, zone following and speaker tracking, 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.

### Designed for privacy

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

### Engineered elegance

Premium materials and modern design fit any business environment.

- 10x optical zoom + 2x digital zoom
- Dual-lens design
- Pan/Tilt range: pan  $\pm 175^\circ$  ; tilt  $\pm 30^\circ$
- Speaker tracking
- Zone following
- Auto-framing
- Picture in Picture(PIP)
- 10 position 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): 80°
	FOV(H): 70°
	FOV(V): 40°
	Non-distortion lens
Panoramic Lens Characteristics	Aperture F/1.8
	Sensor: 1/2.9 inches CMOS, 2MP
	FOV(D): 120°
	FOV(H): 110°
	FOV(V): 70°
	Non-distortion lens
Video Characteristics	Anti-flickering
	Auto-exposure
	Automatic white balance
	3D noise suppression
	1080P
	Aspect ratio: 16:9
	YUV: max of 480P@30fps; MJPEG: max of 1080P@30fps; H264: max of 1080P@30fps
AI Features	Speaker tracking
	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
	10 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 ethernet port
	RS232 IN/ RS232 OUT/ RS485
	SDI OUT
	3.5mm line in
	3.5mm line 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	Tripod bracket / TV Bracket / Wall bracket
Packing List	V520D*1, USB convert cable(B to A)*1, Power adapter*1, Remote control*1, User manual*1, Warranty card*1

\*All tech specs are subject to change without notice.