

180° Camera

79442-180 Data Sheet

The 79442-180 panoramic camera provides versatile 4K video and sharp, clear audio for video conferencing in a classroom or conference room. Three 4K cameras work together to produce a single UHD image, with an incredible 180° horizontal field of view. Six different video layouts allow the camera to meet the needs of any space or application, and its advanced auto-tracking algorithm allows the camera to follow a speaker's movements, keeping them in-frame at all times. Built-in front and rear-facing microphones capture sound from anywhere in the room without the need for an external microphone.

With a fantastic 180° field of view, six different video layouts, multiple high-quality microphones, and auto-tracking that keeps everyone visible wherever they go, the 79442-180 is the perfect video conferencing camera for any number of demanding, professional applications.

Features:

- Full-room coverage with 180° field of view
- Triple 4K cameras for vibrant, crystal-clear video
- Switch easily among six different video layouts at the push of a button
- Auto-tracking follows speakers as they move, zooming in & out to keep everyone in-frame
- Compatible with all common video conferencing software (Zoom, Webex, Teams, etc.)
- Shipped fully functional, pre-programmed, and rigorously tested



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79442-180 Technical Specifications

Camera	
Pixels	12M
Output Format	MJPEG, H.264, YUY2
Frame Rate	30 Hz (except where noted otherwise)
Output Resolution	YUY2: 640x480, 640x360, 480x270, 352x288, 320x240 MJPEG: 3840x2160@24Hz, 3840x1376, 3840x962, 2560x1440, 1920x1080, 1280x720, 1024x576, 960x544, 640x480, 640x360 H.264: 1280x720, 1024x576, 960x544, 640x480, 640x360
Focus Method	Fixed
Focus Distance	4.9 ft (1.5m)
Horizontal Field of View (HFOV)	180°
Aperture	2.2
Minimum Illumination	10 Lux
Microphone	
Quantity	2 (built-in)
Pickup Distance	0 ~ 13.1 ft (0 ~ 4m)
I/O Port	
Ports	1x USB Host (USB 2.0, Type-A, Female) 1x USB Device (Type-C, Female)
General	
Operating Temperature	32 ~ 104°F (0 ~ 40°C)
Storage Temperature	-4 ~ 140°F (-20 ~ 60°C)
Relative Humidity (RH)	10 ~ 90%
Altitude	Below 3.1 mi (5km)
Product Dimensions	5.66" (144mm) x 2.87" (73mm) x 1.02" (26mm)
Product Weight	7.38 oz (209.1g)
Compatibility	Zoom, Skype, Teams, Webex, BlueJeans, Facebook Live, Google Meet, ClickMeeting, BigBlueButton, and more

Specifications are subject to change without notice