

360° Camera

79442-360 Data Sheet

TEKVOX's 79442-360 provides the ability for video conferencing in small and medium video conference rooms. Four HD cameras provide 360° video of everyone in the room, and can be combined in several different viewing modes. AI-based automatic framing, tracking, and beamforming ensure that everyone at the table can be seen face-to-face and heard clearly by remote meeting attendees. Built-in array microphones provide omnidirectional audio coverage for immersive meetings. Plug-and-play operation ensures that the camera is meeting-ready in seconds.

With an incredible variety of features to tackle any meeting, high-quality video and audio, and effortless usage, the 79442-360 represents the next step in modern, sophisticated video conferencing.

Features:

- Omnidirectional 4K video captures everyone at the table without any switching
- Multiple viewing modes allow users to customize their experience
- AI-based auto-framing and tracking keeps everyone in-frame as they move
- Integrated speaker and beamforming array mics for clear, full-room audio
- Plug-and-play operation guarantees a fantastic, effortless user experience every time



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79442-360 Technical Specifications

Lens	4 @ 2560x1440@30Hz
Image Sensor	1/2.7" CMOS
Field of View (FOV)	360° (H), 79.2° (V)
Focal Length	2.49mm
Aperture	F/2.5
Output Resolutions	NV12: 2560x1440@30Hz MJPG: 3840x2160@30Hz, 1920x1080@30Hz, 1280x720@30Hz YUY2: 1920x1080@30Hz, 1280x720@30Hz, 640x360P@30Hz
Microphone	4x Array Microphones
Signal to Noise Ratio	65dB
Pickup Angle	360°(H)
Pickup Range	13.1 feet (4m)
Speaker	8W, Full-range
Sound Pressure Level	≥ 75
Frequency Range	100 Hz ~ 20 kHz
Response Frequency	100Hz ~ 8 kHz
Audio Processing	Automatic Echo Cancellation (AEC) Noise Reduction Beamforming Sound Source Localization
I/O Ports	1x USB (Type-C, Female) 1x Power (DC)
Touch Buttons	5 (Mute / Mode Switch / Bluetooth / Camera / Power)
Power Supply	Input: 100 ~ 240 VAC, 50/60Hz Output: DC 12V, 3A
Power Consumption	24W (max)
Product Dimensions	3.33" (84.5mm) x 3.33" (84.5mm) x 10.82" (274.9mm)
Product Weight	1.76 lbs. (.8kg)

Specifications are subject to change without notice