

4K ePTZ Camera

79068-ATU2 Data Sheet

TEKVOX's 79068-ATU2 is a 4K ePTZ auto-tracking camera, with an adjustable field of view from 46 ~ 120°. Its non-distortion lenses and highly-sensitive autofocus deliver optimal image quality in any environment. The camera also includes automatic color and brightness adjustment, as well as low-light correction, for excellent video quality even in dimly-lit spaces. The advanced tracking algorithm automatically adjusts the camera's field of view to track presenters' movements, eliminating the need to control the camera manually.

For easy, consistent, and high-quality video, the 79068-ATU2 auto-tracking camera delivers outstanding performance for a reasonable price.

Features:

- Auto-tracking adjusts camera's field of view to track active speaker
- Captures stunning 4K video at up to 15 fps
- Automatic color correction, brightness adjustment, and low-light compensation
- Controllable via VISCA, Pelco-D/P, or RS485
- Compatible with PoC and PoE for easy power supply options
- Shipped fully functional, pre-programmed, and rigorously tested



4K ePTZ Camera

79068-ATU2 Technical Specifications

Camera	
Sensor	1/2.8", CMOS, 8.46M effective pixels
Scanning Mode	Progressive
Lens Mount	M12
Focus	Teacher (Lens 1): f=8.2mm Student (Lens 2): f=2.8mm
Horizontal Field of View (HFOV)	Teacher (Lens 1): 40° Student (Lens 2): 95°
Minimum Illumination	0.5 Lux (F1.8, AGC On)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One-Push, Manual, Specified Color Temperature
Digital Noise Reduction (DNR)	2D, 3D
Backlight Compensation (BLC)	Supported
Electronic Pan/Tilt/Zoom (ePTZ)	Supported
Power over Ethernet (PoE)	Supported
Digital Zoom	8x
Auto-Tracking Modes	Teacher Mode, Student Mode
Network Features	
Video Compression	H.265, H.264, MJPEG
Video Stream Resolution	First Stream: 1920x1080, 1280x720, 1024x576, 960x540, 640x480, 640x360, 320x240, 320x180 Second Stream: 3840x2160, 1920x1080, 1280x720, 1024x576, 720x576@50Hz, 720x480@60Hz, 720x408, 640x360, 480x270, 320x240, 320x180 Third Stream: 1920x1080, 1280x720, 1024x576, 960x540, 720x576@50Hz, 720x480@60Hz, 720x408, 640x360, 480x270, 320x240, 320x180 Fourth Stream: 1024x576, 960x540, 720x576@50Hz, 720x480@60Hz, 720x408, 640x360, 480x270, 320x240, 320x180
Video Bit Rate	32 ~ 16384Kbps
Bit Rate Control	Variable, Fixed
Frame Rate	1 ~ 25Hz
Audio Compression	AAC/G711A

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Audio Bit Rate	96Kbps, 128Kbps
Supported Protocols	TCP/IP, HTTP, RTSP, RTMP, ONVIF, HDCP, VISCA, Pelco-D, Pelco-P, etc.
General	
Input/Output Interfaces	1x Ethernet port (10M/100M, RJ45, Female, supports PoE) 1x SDI Output (BNC-type, 800mVp-p, 75Ω, SMPTE 424M standard, supports PoC) 1 Line In (3-pin Phoenix) 1 USB (USB 2.0, Type-A, Female) 1x RS485 (2-pin Phoenix)
Operating Temperature	14 ~ 104°F (-10 ~ 40°C)
Storage Temperature	-40 ~ 140°F (-40 ~ 60°C)
Power Consumption	DC 12V, 0.5A (6W max)
Product Dimensions	2.83" (72mm) x 2.36" (60mm) x 5.04" (128mm)
Product Weight	13.05 oz. (370g)

Specifications are subject to change without notice