

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

# 4K ePTZ Camera

## 79068-ATU2 Technical Specifications

<b>Audio Bit Rate</b>	96Kbps, 128Kbps
<b>Supported Protocols</b>	TCP/IP, HTTP, RTSP, RTMP, ONVIF, HDCP, VISCA, Pelco-D, Pelco-P, etc.
<b>General</b>	
<b>Input/Output Interfaces</b>	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)
<b>Operating Temperature</b>	14 ~ 104°F (-10 ~ 40°C)
<b>Storage Temperature</b>	-40 ~ 140°F (-40 ~ 60°C)
<b>Power Consumption</b>	DC 12V, 0.5A (6W max)
<b>Product Dimensions</b>	2.83" (72mm) x 2.36" (60mm) x 5.04" (128mm)
<b>Product Weight</b>	13.05 oz. (370g)

Specifications are subject to change without notice