4K ePTZ Camera
79068-AT2 Data Sheet

The 79068-AT2 is a 4K, auto-tracking, electronic Pan-Tilt-Zoom (ePTZ) camera. With an ultra-wide lens, the 79068-AT2 captures a 4K image and dynamically selects a window from within the larger image to output, allowing it to perform incredibly smooth, natural tracking without any PTZ motors. The camera is perfect for any room size, light level, or orientation, with multiple tracking modes and efficient noise reduction technology. The camera supports USB 3.0, HDMI, and Gigabit LAN video outputs. The 79068-AT2 also supports PoE for transmitting power, control, and video over a single network cable.

With a compact design and no PTZ motors, the 79068-AT2 is a robust, versatile auto-tracking camera with excellent performance, ideal for any space.

Features:

- Smooth, intelligent auto-tracking with multiple tracking modes
- Mount anywhere with ePTZ (no motors/movement needed)
- Exceptional image quality with 4K sampling window, 1080p resolution output
- Supports USB 3.0, HDMII, and Gigabit LAN video outputs
- Controllable via RS-232/485, LAN using limited VISCA protocol
- Can be powered via included 12VDC adapter or via PoE
- Shipped fully functional, pre-programmed, and rigorously tested

Camera Parameters	
Sensor	1/2.8 inch high-quality 4K CMOS sensor
Effective Pixels	8.28 megapixel, 16:9
Video Signals	**HDMI**: 1080p@30/29.97/25Hz; 720p@29.97Hz **USB 3.0 (MJPG/H264)**: 1920x1080p / 1600x896 / 1280x720 / 1024x576 / 960x540 / 800x600 / 800x448 / 720x576 / 720x480 / 640x480 / 640x360 / 480x270 / 320x180 @30/25/20/15/10/5 Hz; Compatible with USB2.0 **YUY2/NV12**: 1920x1080 / 1280x720 / 1024x576 / 800x600 / 800x448 / 640x480 / 640x360 / 480x270 / 320x180 @30/25/20/15/10/5 Hz
View Angle	51.6° (D) / 45.5° (H) / 26.5° (V)
Focal Length	f = 6.8mm
Iris	F2.5
Digital Zoom	3x
Minimum Illumination	0.1 Lux (F1.8, AGC ON)
Digital Noise Reduction (DNR)	2D & 3D DNR
White Balance	Auto/Manual/One-Push/Specified Color Temperature (2400K ~ 7100K, 100 step length)
Focus	Fixed
Exposure	Auto/Manual/Shutter Piority/Brightness Priority
Backlight Compensation (BLC)	On/Off
Signal-to-Noise Ratio (SNR)	>50dB
Input/Output Interface	
Video Outputs	1x HDMII 1x USB 3.0 (Type-B) 1x 10M/100M/1000M Ethernet LAN (Adaptive, supports PoE)
Video Compression	H.264, H.265, MJPEG, YUY2, NV12
Audio Inputs	Dual audio channel (3.5mm linear input)
Audio Compression	AAC, MP3, G.711A
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181
Control Interface	RS485/RS232/LAN (Port 1259, supports baud rate 9600)
Power Interface	HEC3800 power socket (12V)
Other Parameters	
Power Input	**Power Adapter**: DC 12V, 0.42A (max) **PoE**: DC 48V, 0.104A (max)
Power Consumption	5W (max)
Storage Temperature	14 ~ 140°F (-10 ~ 60°C)
Storage Humidity	20 ~ 95%
Working Temperature	14 ~ 122°F (-10 ~ 50°C)
Working Humidity	20 ~ 80%
Dimensions	5.87" (149.1mm) x 3.07" (78mm) x 3.07" (78mm)
Weight	1.17 lbs. (0.53kg)

Specifications are subject to change without notice