

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, SDI, 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, SDI, and Gigabit LAN video outputs
- Controllable via RS-232/485, VISCA network protocols, or PELSO-P/D commands
- Can be powered via included 12VDC adapter, or through PoE
- Shipped fully functional, pre-programmed, and rigorously tested



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79068-AT2 Technical Specifications

Camera Parameters	
Sensor	1/2.8 inch high-quality 4K CMOS sensor
Effective Pixels	8.28 million, 16:9
Video Signals	SDI: 1080p@30/25Hz; 720p@60/50/30/25Hz USB 3.0: 1920x1080p@30/25Hz; 1280x720p@60/50/30/25Hz; 960x540p@30Hz; 640x360p@30Hz; 640x480p@30Hz; 352x288p@30Hz; 960x540p@30Hz; 800x600p@30Hz; Compatible with USB2.0
View Angle	57.2° (D) / 47° (H) / 36° (V)
Focal Length	f = 7.23mm
Iris	F2.4 + 5%
Digital Zoom	3x
Minimum Illumination	0.5 Lux (F1.8, AGC ON)
Digital Noise Reduction (DNR)	2D & 3D DNR
White Balance	Auto/Manual/One-Push/Specified Color Temperature (2400K ~ 7100K)
Focus	Manual
Exposure	Fixed
Backlight Contrast	On/Off
Signal-to-Noise Ratio (SNR)	>50dB
Input/Output Interface	
Video Outputs	1x SDI 1x USB 3.0 (Type-B) 1x 10M/100M/1000M Ethernet LAN (Adaptive, supports PoE)
Video Compression	H.264, H.265, MJPEG
Audio Inputs	Dual audio channel (3.5mm linear input)
Audio Compression	AAC, MP3, G.711A
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181
Control Interface	VISCA, Pelco-D/P; supports baud rates 115200/38400/960/4800/2400; supports VISCA network control protocols
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	5.86" (149mm) x 3" (76mm) x 3" (76mm)
Weight	1.17 lbs. (0.53kg)

Specifications are subject to change without notice