

4K PTZ Camera

79068-4K-12 Data Sheet

The 79068-4K-12 is an ultra-high-definition camera with a 12x optical zoom lens. Featuring the smoothest PTZ movement of any commercially-available camera, and multiple simultaneous video outputs, this camera is perfect for video conferencing & lecture capture applications.

The camera can be configured to multiple output resolutions, up to 4Kx2K@60Hz, and can be controlled via TCP/IP, RS-232/422/485, or remote controller.

Features:

- Enjoy breathtaking video with 12x optical zoom & resolutions up to 4Kx2K@60Hz
- Unbelievably smooth & silent pan/tilt/zoom
- Excellent image clarity with advanced auto-focusing and noise reduction
- HDMI, USB3.0, and LAN video outputs offer exceptional versatility
- Controllable via RS-232/422, remote control, and VISCA or PELCO-P/D
- Near-limitless customizability with 255 configurable preset positions
- Effortless installation with convenient mounting options



4K PTZ Camera

79068-4K-12 Technical Specifications

Optical Zoom	12x f = 3.85mm ~ 43.06mm ±5%
View Angle	Parallel: 7.59° (N) ~ 80.4° (W) Vertical: 4.6° (N) ~ 50.0° (W)
Aperture Value (AV)	F1.8 ~ F3.56 ±5%
Sensor	1/2.5" SONY CMOS sensor
Effective Pixels	8.51 Megapixel, 16:9
Video Format	HDMI: Up to 4KP@60Hz USB 3.0: YUY2/NV12: Up to 1920x1080@30/Hz MJPEG/H.264/H.265: Up to 3840x2160@30Hz USB 3.0 (compatible with USB 2.0): YUY2/NV12: Up to 640x360@30Hz MJPEG/H.264/H.265: 3840x2160@30Hz
Video Compression Format	LAN Interface: H.265, H.265 USB 3.0 Interface: MJPG, H.264, YUY2, NV12, H.265
Minimum Illumination	0.05 Lux (F1.8, AGC ON)
Digital Noise Reduction (DNR)	2D & 3D Digital Noise Reduction
Shutter Speed	1/25 ~ 1/10000
Signal-to-Noise Ratio (SNR)	≥ 50dB
Inputs	1 Stereo Audio LINE In (3.5mm mini jack)
Outputs	1 HDMI (19-pin, Female) 1 USB 3.0 (Type-B, Female)
Control Ports	1 RS-232 Input (8-pin Mini-DIN, Female) 1 RS-232 Output (8-pin Mini-DIN, Female) 1 RS-422/485 (4-pin Phoenix) 1 Rotary DIP Switch 1 10M/100M/1000M LAN (RJ45, Female)
Networking Protocol	RTSP, RTMP, ONVIF, GB/T28181; Network VISCA control protocol
Serial Communication Protocol	VISCA/PELCO-D/PELCO-P
Baud Rate	115200/38400/9600/4800/2400
Pan Rotation	-110 ~ 110°
Tilt Rotation	-30 ~ 30°
Power Supply	Input: 110 ~ 220 VAC Output: Dc 12V, 2.5A
Power Consumption	12W (max)
Power Interface	HEC3800 outlet (DC 12V)
Temperature	14 ~ 122°F (-10 ~ 50°C)
Humidity	20 ~ 80%
Product Dimensions	8.66" (220mm) x 5.67" (144mm) x 6.26" (159mm)
Product Weight	3.74 lbs. (1.7kg)

Specifications are subject to change without notice

