

## ● EX1030BHD-L5NAP1

## KEY FEATURES



- Resolution: Up to 1080P
- Zoom: 30X 16X Digital Zoom
- Video Output: IP
- IR Laser Illumination: 500 meters Adaptive
- Environmental: IP67
- Power: AC 24V, POE 80W
- ONVIF Compliant

## DESIGN



- Double sided coating on optical glass with dust and water resistant properties.
- High definition coating to allow increased penetration of light.



- IP67 rating for protection against moisture and dust
- Corrosion resistant treated housing for salt spray environment use.
- Nitrogen filled housing ensures moisture free air inside the camera housing and provides added protection against effects of condensation due to harsh environments.



- Adaptive IR Laser illumination with intelligent sensors to auto adjust for lighting conditions to output optimal image quality.
- Distance up to 500 meters.



- ZDP - Zero Deviation Positioning technology ensures high precision and accuracy when using PTZ preset programming by minimizing deviation of presets and patrol positions over time.
- High precision closed-loop stepper motors and gears provide accuracy, smoothness, stability and quietness of Pan/Tilt movements.



- Hardened metal alloy casing shape are ideal for extreme weather condition use.
- Resistance to high wind, wind load durability: 60m/s.
- Extra vertical 30° tilt angle gives greater view of upper area.



- Built in Pressure Equalization to protect internal components and motor performance under extreme conditions.



- Stainless steel ball bearing assembly to provide extended life with minimized corrosion.
- Water resistance with waterproof shaft and oil seal with stainless steel structure.

## FUNCTIONALITY

- IP video resolution supports up to 1080p60
- Video Output: IP (H.264/H.265), Triple video streaming.
- True WDR: 120dB
- Tail-Cable Type A provides additional features: Alarm Input/Output, RS485(Not Active), Audio In/Out, CVBS video.
- 3D Positioning
- IR Laser Illumination: 500 meters Adaptive
- $\pm 120^\circ$  tilt /  $\pm 360^\circ$  pan range, Adaptive speed 0.1°~80°/s
- 255 Presets, Speed: 80°/s, 8 Cruises
- Nitrogen Filled Housing available.



Tail-Cable Type N



Tail-Cable Type A

# Product Specification

<b>Model No.</b>	<b>EX1030BHD-L5NAP1</b>
<b>Camera</b>	<b>30X</b>
Image Sensor	1/2.8" CMOS 2MP
Lens	30X, 4.5~135mm, 16X Digital Zoom
Horizontal Angle of View	62.9°(W)~2.3°(T)
Aperture	F1.6(W)~F4.4(T)
Min. Illumination	0.025 lux(F1.6, AGC ON, Color), 0.0025 lux(F1.6, AGC ON, B/W)
Shutter Speed	1/6~1/8000s
Focus	Auto, Push
White Balance	Auto, Manual
Exposure	Auto, Manual, Shutter/Iris Priority
Day/Night	YES
Backlight Compensation	YES
WDR	YES, 120db
Privacy Zone Masking	YES
Defog	YES
Motion Detection	YES, 4 Zones
Noise Reduction	2D/3D
S/N Ratio	≥50db
<b>Mechanical</b>	
Pan Movement	Horizontal: ±360° continuous pan (Zoom Adaptive Speed Range: 0.1°~80°/s)
Tilt Movement	Vertical: +90° to -15° (Zoom Adaptive Speed Range: 0.1°~90°/s)
Preset Position	255 (Preset Speed: 80°/s)
Home Position	YES
Cruise	Support up to 8 different path movements
Environmental	Outdoor, IP67, Corrosion Resistant Treated Housing, Wind Load Durability: 60m/s, Nitrogen Filled Housing
Illumination	IR Laser. The adaptive IR Laser can be synchronized with different zoom angle. Illumination distance is up to 500 Meters.
<b>Network</b>	
Video Compression	MJPEG, H.264, H.265
Resolution/Frame Rate	1080p: 60/50/30/25fps; 720p: 30/25fps
Protocols	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, QoS, DNS, DDNS, NTP, FTP, UPnP, HTTP, SNMP, SIP
Multi-stream	3 data stream function will satisfy various bandwidth, frame rates and storage requirements in real time
Audio Compression	AAC-LC Broadband Audio Encoding
OSD	Customized OSD
Compatible Integration	ONVIF 2.4
<b>Interface</b>	
Network	10M/100M/1000M Base-TX Ethernet, RJ45
Video: Analog (Tail-Cable A)	1XBNC
Audio I/O (Tail-Cable A)	Input: Impedance 35kΩ, Amplitude 2V [p-p]; Output: Impedance 600kΩ, Amplitude 2V [p-p]
Alarm I/O (Tail-Cable A)	Alarm Input X1, Alarm Output 1X1
Control (Tail-Cable A)	RS485 (Not Activated)
Edge Storage	Micro SD, Up to 128GB (Optional)
<b>General</b>	
Operating Temperature	-40°C to +60°C
Operating Humidity	80% Suitable for Use
Power Input	AC 24V, PoE 80W Ready. (Bolin PoE 80W Injector needed, optional)
Power Consumption	15W (Close IR) 30W (IR Laser ON)
Dimension	Φ180×423mm
Weight	10.2kg

## ORDER INFORMATION

- EX1030BHD-L5NAP1 (IP, Nitrogen Filled)
- Bolin PoE 80W Power Injector sold separately. Model number: BL-PP80
- Tail-Cable Type N camera (model without A) is available for special order.