

- FEX22B4K-RNP2
- FEX30BHD-RNP2

## KEY FEATURES



1080P  
Full HD

4K  
ONVIF

- 4K Resolution: 12MP, 4K(8MP), 6MP, 5MP, 3MP, 1080P  
Full HD Resolution: up to 1080P/60
- Full HD model available
- Zoom: 22X, 30X Optical Zoom
- Video Output: IP
- Wide Dynamic Range
- IR Illumination
- Environmental: IP68, Rugged Construction
- ONVIF Profile S & G compliant

## DESIGN



- 4K (3849X2160 30fps) video resolution up to 12MP/20fps, downgradable to 6MP, 5Mp, 3MP, 2MP. Full HD resolution up to 1080p60.
- Video compression H.264/H.265, Configurable Video formats
- ONVIF Profile S Compliant



- High Definition Optical Glass completed with Double Sided Coating prevents water seepage and increases light penetration of up to an additional +5%.
- Internal face plate heater removes moisture formation inside the camera due to condensation under extreme temperature change environments.



- IP68 sealing and dry nitrogen pressurization not only protects electrical, mechanical, and optical components to remain free from contaminants but also prevents condensation on the lens and interior of the housing faceplate.
- No oxidation or corrosion to circuit boards, solder joints, wiring, or metal parts. It extends the life of the camera significantly.



- Hardened Metal Alloy Casing and water proof connector protect against dust, and against the effects of water immersion.
- Corrosion resistant housing treatment for salt spray environment use.
- 18 pin MS connector on housing with detachable 5ft long Tail-cable water proof RJ45 connector

## FUNCTIONALITY

- IP68, Waterproof Connector, Faceplate heater, Nitrogen Pressurized Housing, Corrosion Resistant Housing
- Infrared LED, Illumination up to 50 meters
- Built-in electrical transient/surge protection
- Digital Zoom, True WDR, BLC, Defog
- Wide operating temperature range, -40°C to 65°C continuous, up to 74°C for 12 hours.
- Single Cat5e cable installation
- Power: POE



18 pin MS connector on housing with detachable 5ft long Tail-cable water proof RJ45 connector

# Product Specification

Model No.	FEX22B4K-RNP2	FEX30BHD-RNP2
<b>Camera</b>	<b>22X</b>	<b>30X</b>
Image Sensor	1/1.7" CMOS 8MP	1/2.8" CMOS 2MP
Lens	22X, 6.5~143mm, 16X Digital Zoom	30X, 4.5~135mm, 16X Digital Zoom
Horizontal Angle of View	59.6°(W)~3.9°(T)	62.9°(W)~2.3°(T)
Aperture	F1.5(W)~F3.4(T)	F1.6(W)~F4.4(T)
Min. Illumination	0.025 lux(F1.5, AGC ON, Color), 0.0025 lux(F1.5, AGC ON, BW)	0.025 lux(F1.6, AGC ON, Color), 0.0025 lux(F1.6, AGC ON, BW)
Shutter Speed	1/6~1/8000s	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	-	
Tilt Movement	-	
Preset Position	255 Zoom Position	
Home Position	YES	
Cruise	-	
Environmental	Outdoor/Indoor, IP68, Corrosion Resistant Treated Housing, Nitrogen Pressurized Housing, Faceplate Heater, Water Proof Connector, Sun-Shield	
Infrared	Infrared Illumination distance up to 50 Meters.	
Connector	18 pin MS connector on housing with detachable 5ft long Tail-cable water proof RJ45 connector	
<b>Network</b>		
Video Compression	MJPEG, H.264, H.265	
Resolution/Frame Rate	12MP(4000X3000)20; 8MP(3840X2160)30/25; 6MP(3072X2048)30/25; 5MP(3072X1728)30/25; 2560*2048p:30/25; 2560*1920P30/25; 3MP(2048X1536)30/25; 2MP(1920X1080)30/25	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 streams	
Audio Compression	-	
OSD	Yes	
Compatible Integration	ONVIF 2.4	
<b>Interface</b>		
Network	10M/100M/1000M Base-TX Ethernet, RJ45	
Edge Storage	Micro SD, Up to 128GB (Optional)	
<b>General</b>		
Operating Temperature	-40°C to +65°C	
Operating Humidity	100% Suitable for Use	
Power Input	PoE+ (IEEE 802.3at), 12VDC(Optional)	
Power Consumption	12W (IR & Heater Off), 22W (IR & Heater On)	
Dimension	Φ136×315mm	
Weight	3.2kg	

## ORDER INFORMATION

- FEX22B4K-RNP2 (4K, IP, POE, Nitrogen Pressurized)
- FEX30BHD-RNP2 (FHD, IP, POE, Nitrogen Pressurized)
- FEX-WM-A (Wall mount bracket, Alluminum Alloy)
- FEX-WM-S (Wall mount bracket, Stainless steel)