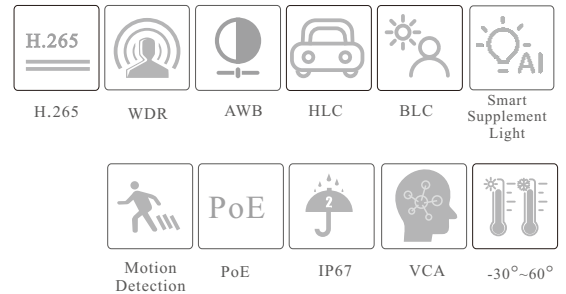


BX-IB81-D4-CA

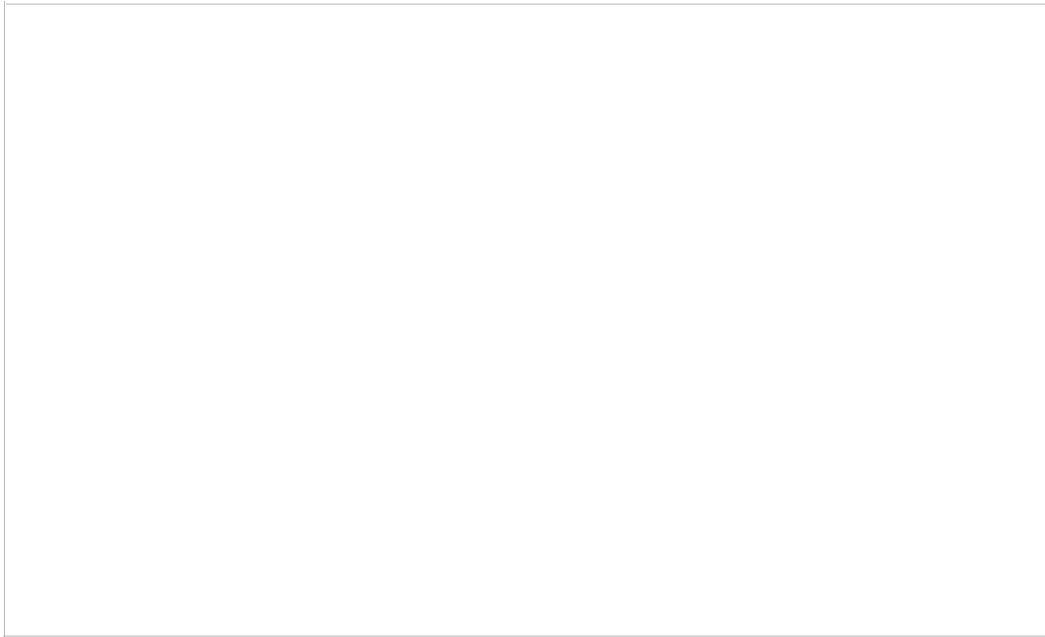
Pro Series 8MP Bullet Waterproof Network Camera



- H.265+ /H.265 /H.264+ /H.264/MJPEG coding
- Max. resolution:8MP (3840 × 2160)
- Auto day/night switch
- 3D DNR, HWDR, HLC, BLC, Defog, etc.
- ROI coding
- Support smart supplement light
- 20~30m white light view distance; 20~30m IR view distance
- DC12V/PoE power supply
- IP 67 ingress protection
- Support three streams
- Support remote monitoring by smart phones& tablet PCs with iOS and Android OS
- Support P2P function
- Support SMD
- Support line crossing detection, region intrusion detection, abandoned/missing object detection, video exception detection

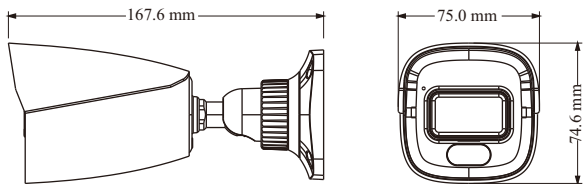


Specifications	Model	BX-IB81-D4-CA
Camera		
Image Sensor		1 / 2.8 "CMOS
Image Size		3840×2160
Electronic Shutter		1 / 3s ~ 1 / 100000s
Iris Type		Fixed Iris
Min. Illumination		0.02 lux @F1.6, AGC ON; 0 lux with illumination on
Lens		2.8mm@F1.6, Horizontal FoV: 106°; Vertical FoV:57°; Diagonal FoV:124° 3.6mm@F1.6, Horizontal FoV:90°; Vertical FoV:47°; Diagonal FoV:107°
Focus		Fixed
Lens Mount		M12
Day&Night		ICR
Wide Dynamic Range		120dB
BLC		Yes
HLC		Yes
Digital NR		Yes
Defog		Yes
S/N Ratio		≥ 50dB
Angle Adjustment		Pan: 0°~360°; Tilt:0°~80°; Rotation: 0°~360°
Image		
Video Compression		Main stream: H.265+ / H.265 / H.264+ / H.264 Sub /Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.265 Compression Standard		Main Profile@Leve4.1 High Tier
Resolution		8MP(3840×2160),6MP(3200×1800), 4MP(2688×1520), 2K(2560×1440), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), 640× 360, 480× 240, CIF
Main Stream		60Hz: 8MP(1~20fps) /6MP/4MP/2K/1080P (1~30fps) 50Hz: 8MP(1~20fps) /6MP/4MP/2K/1080P (1~25fps)
Sub Stream		720P/D1/VGA/640×360/CIF/480× 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream		720P/D1/640×360/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate		64 Kbps ~12Mbps
Bit Rate Type		VBR / CBR
Image Settings		ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
Audio Compression		G711A/U
ROI		8ROI, Each ROI to be configured separately
Interfaces		
Network		RJ45
Video Output		No
Audio		1CH audio input; 1CH built-in MIC
Storage		Built-in micro SD card slot, up to 256GB
Reset		Yes
Functions		
Remote Monitoring		Web browser /BNX NVR/NVMS2.X/Mobile APP
Web Browser		IE11(plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
Online Connection		Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol		UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPS, HTTP POST, P2P, QoS
Interface Protocol		ONVIF
Storage		Network remote storage; micro SD card storage
Smart Alarm		Motion detection, SMD, SD card full, SD card error, IP address conflict, cable disconnection, video exception (scene change, video blur and abnormal color detection)
Smart Event		Line crossing /region intrusion detection(human/motor vehicle/non-motor vehicle classification), abandoned/missing object detection
General Function		Watermark, IP address filtering, video mask, heartbeat, system config backup, smart supplement light, corridor pattern, image distortion correction
PoE		Yes (IEEE802.3af)
Supplement Light Range		IR range: 20 ~ 30 m; white light range:20 ~ 30 m
Ingress Protection		IP67
Security		Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP



DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	79m(259ft)	32m(105ft)	16m(52ft)	8m(27ft)
3.6mm	99m(325ft)	40m(130ft)	20m(68ft)	10m(34ft)
Others				
Power Supply	DC12V/PoE			
Power Consumption	< 7W			
Storage Conditions	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)			
Operating Conditions	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)			
Dimensions (mm)	167.6 × 75 × 74.6			
Weight (net)	Approx. 0.42KG			
Installation	Ceiling mounting; wall mounting			
Certificate	CE, FCC			
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)			

DIMENSIONS



AVAILABLE ACCESSORIES

