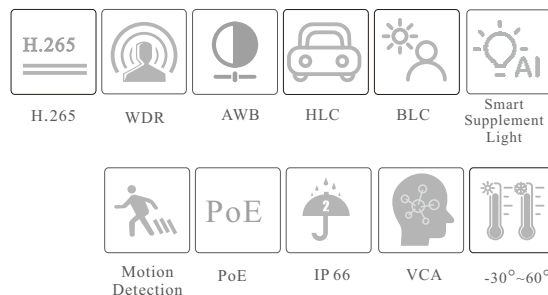


BX-9442S4-PA

4MP Dual Illumination Water-proof Bullet Network Camera



- H.265+ /H.265 /H.264+ /H.264/MJPEG coding
- Max. resolution: 4MP (2560 × 1440)
- Auto day/night switch
- 3D DNR, HWDR, HLC, BLC, etc.
- ROI coding
- Support smart supplement light
- 30~40m white light view distance; 30~40m IR view distance
- DC12V/PoE power supply
- IP 66 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
- Blue and red light warning (flashing alternately)
- Support user-defined warning voice import



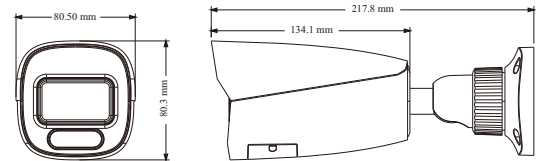
SPECIFICATIONS

Specifications	Model	BX-9442S4-PA	
Camera			
Image Sensor	1 / 3 "CMOS		
Image Size	2560×1440		
Electronic Shutter	1/1s ~ 1 / 100000s		
Iris Type	Fixed Iris		
Min. Illumination	0.005 lux @F1.6, AGC ON; 0 lux with illumination on 0.004 lux @F1.4, AGC ON; 0 lux with illumination on		
Lens	2.8mm@F1.6, H.FoV:94°; V.FoV: 50°; D.FoV:115° 3.6mm@F1.6, H.FoV: 78°; V.FoV: 40°; D.FoV:97°	2.8~12mm@F1.4, H.FoV: 92°~31°; V.FoV: 48°~17.2°; D.FoV: 112°~35.6°	
Focus	Fixed	Motorized	
Lens Mount	M12	Ø 14	
Day/Night	Auto, Day, Night, Timing		
Wide Dynamic Range	120dB		
BLC	Yes		
HLC	Yes		
Digital NR	Yes		
S/N Ratio	≥ 50dB		
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°		
Image			
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG		
H.265 Compression Standard	Main Profile@Leve4.1 High Tier		
Resolution	4MP (2560×1440), 3MP (2304×1296), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), CIF, 480×240		
Main Stream	60Hz: 4MP/3MP/1080P/720P(1~30fps); 50Hz: 4MP/3MP/1080P/720P(1~25fps)		
Sub Stream	60Hz: 720P/D1/VGA/CIF(1~30fps); 50Hz: 720P/D1/VGA/CIF (1~25fps)		
Third Stream	60Hz: D1/480×240/CIF (1~30fps);50Hz: D1/480×240/CIF(1~25fps)		
Bit Rate	64 Kbps ~ 6 Mbps		
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	Each ROI to be configured separately		
Interfaces			
Network	RJ45		
Video Output	No		
Audio	1CH audio input; 1CH built-in MIC; 1CH audio output; 1CH built-in speaker		
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 4 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, 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 disconnected, video exception(scene change, video blur and video cast detection) audio alarm, light alarm		
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, ANR		
PoE	Yes (IEEE802.3af)		
Supplement Light Range	IR range: 30 ~ 40 m; white light range:30 ~ 40 m		
Ingress Protection	IP66		
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	62m(203ft)	25m(81ft)	12m(40ft)	6m(20ft)
3.6mm	79m(259ft)	32m(104ft)	16m(52ft)	8m(26ft)
2.8~12mm(W)	64m(210ft)	26m(84ft)	13m(42ft)	6m(20ft)
2.8~12mm(T)	189m(619ft)	75m(247ft)	38m(124ft)	19m(62ft)
Others				
Power Supply	DC12V/PoE			
Power Consumption	< 9.5W			
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)	217.8 × 80.5 × 80.3			
Weight (net)	Approx. 0.675KG		Approx. 0.694KG	
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



AVAILABLE MODEL

Available Model	BX-9442S4-PA(D/PE/AW3)	Fixed lens
	BX-9442S4-PA(D/AZ/PE/AW3)	Motorized lens