

# POE IP CAMERA – SMART ENCODING

## 3MP STANDARD FIXED LENS (2.8MM) IR BULLET

**BX9-3MPB028**



## Key Features

### AI

Human Detection

### Optics

Day/night functionality, high image quality in low illumination environment  
Smart IR, up to 20m (65 ft) IR distance  
2D/3D DNR (Digital Noise Reduction) & D-WDR

### Compression

Smart Encoding with Advance Mode, H.265, H.264, MJPEG

### Network

ONVIF Conformance

### Structure

Wide temperature range: -35°C to 60°C  
Wide input voltage range of  $\pm 25\%$   
4KV Network Port Lightning Protection  
2KV Power Port Lighting Protection

### Specifications

	BX9-3MPB028
<b>Camera</b>	
DSP	Dual Core A7 1GHz, <b>MSTAR SSC335</b>
Sensor	1/2.7", progressive scan, 3.0 Megapixel, <b>SMARTSENS CMOS, SC3235</b>
Lens	2.8mm@F1.6
Angle of View(H)	H: 112.9° V: 59.1° O: 121.2°
Shutter	Auto/Manual, shutter time: 1~1/100000 s
Minimum Illumination	Color: 0.01 Lux (F1.2, AGC ON); 0 Lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Digital noise reduction	2D/3D DNR
S/N	>56 dB
IR Range	Up to 20m (65 ft) IR range
Defog	Digital Defog
WDR	DWDR
<b>Video</b>	
Video Compression	Smart Encoding Advance Mode, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Frame Rate	Main Stream: 3MP (2304 x 1296) @ 25 fps; 2MP (1920 x 1080) @ 25 fps Sub Stream: D1 @25 fps;
9:16 Corridor Mode	NA
HLC	Supported
BLC	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
<b>Smart</b>	
Behavior Detection	NA
Human Detection	Yes
Vehicle Detection	NA
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication
<b>Audio</b>	
Audio Compression	G711u, G711a
Two-way audio	NA
Suppression	Supported
Sampling Rate	8KHZ
<b>Storage</b>	
Edge Storage	NA
Network Storage	NA

Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS,
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Interface	
Audio I/O	Software Support, IPC Hardware – NA
	Software Support, IPC Hardware – NA
Built-in Mic	Software Support, IPC Hardware – NA
Network	1 RJ45 10M/100M Base-TX Ethernet
General	
Power	12 V DC±25%, PoE (IEEE802.3 af)
	Power consumption: Max 5W
Dimensions (L x W x H)	Φ 69mm x 183.7mm
Weight	0.3kg (0.80lb)
Working Environment	-30°C ~ +60°C (-31°F ~ 140°F), Humidity :10%~ 90% RH (non-condensing)
Ingress Protection	IP67
Reliability	7*24 Hours x 3years

## Dimensions

