

MODEL #

B7Z550IP8MP-AI



BULLET NETWORK CAMERA

Onvif® | GMST | NDAA Compliant | N



5MP
RESOLUTION



5MP
Resolution

2.7-13.5MM
Motorized Lens



IR Up to 45M

Alarm/Audio
In/Out



IP66
Dustproof
& Water-Resistant

Micro SD Card
Slot up to 1TB

Discover the **B7Z550IP8MP-AI** security camera, a technological masterpiece designed to fortify your security infrastructure. With its 5-50mm motorized lens and an impressive 8MP resolution, this camera delivers unparalleled clarity, capturing detailed images with exceptional precision. Audio input/output and input/output alarm features provide comprehensive surveillance and communication capabilities. Equipped with advanced AI features, it intelligently detects and distinguishes routine activities from potential threats. Easily connect via P2P for effortless setup and receive instant notifications on your device, ensuring you are promptly alerted to any detected activity in real-time.





VIDEO

Imaging Device	1/2.8"
Effective Pixels	8MP 3840(H)×2160(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.009lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON

LENS TYPE

Focal Length (Zoom Ratio)	5.0 - 50 mm
Max. Aperture Ratio	F 2.0 ±5%
Angular Field of View	Horizontal:7-49°, Vertical: 4-27°, Diagonal:8-57°
Lens Type	Motorized(Ø14)

OPERATIONAL

IR viewable length	Up to 80m
Camera Title	Show/Hide
Day & Night	IR cut filter with auto switch (Day/Night/Auto/Schedule)
Backlight Compensation	Off/On (5 Zones)
Wide dynamic range	120dB
Digital Noise Reduction	3D DNR
Motion Detection	Off/On (8 Levels)
Privacy Masking	Off/On (4 Zones, Rectangle)
Gain Control	Auto
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-board Storage	Micro SD slot, up to 1TB
Alarm	1 input, 1 output
Audio	1 input (RCA), 1 output (RCA)
Hardware Reset	Yes
Smart Features	Perimeter Intrusion Detection (PID), Face Detection (FD), Stationary Object Detection (SOD), Crowd Density Detection (CD), Human&Vehicle Detection (PD&VD), Line Crossing Detection (LCD), Queue Length Detection (QD), Heat Map (HM), Cross Counting (CC)

NETWORK

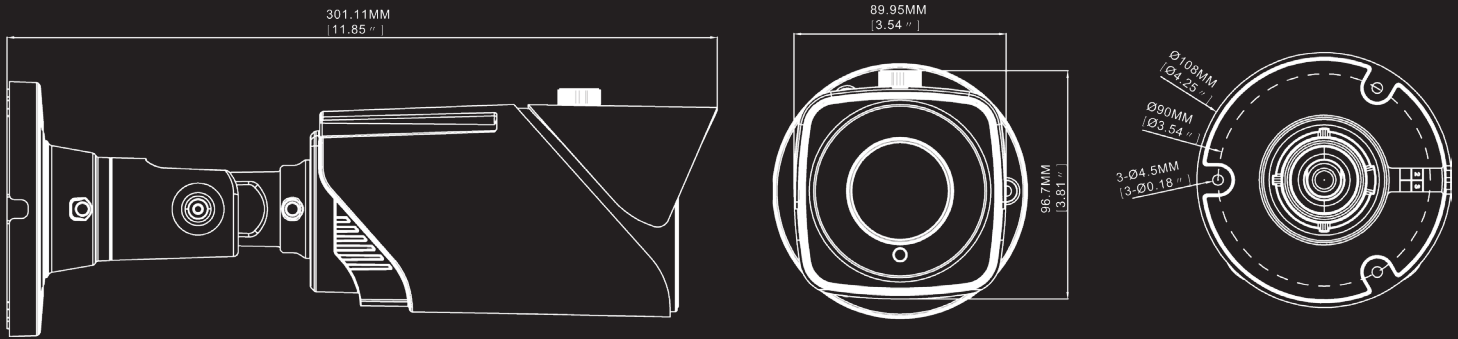
Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.264
Resolution	Mainstream @30fps 8MP(3840x2160),5MP(2592x1944,3072x1728), 4MP(2592x1520),3MP(2304x1296), 1080P(1920x1080), 960P(1280*960),720P (1280x720) Substream @30fps 1080P(1920x1080), 720P(1280x720), VGA (640x480) Mobile Stream @30fps VGA(640x480), QVGA(320x240)
Video Quality Adjustment	8Kbps ~ 16Mbps
Bitrate Control Method	CBR/VBR
Streaming Capability	Triple-Stream(Main/Sub/Mobile)
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,PPPoE,SMTP,NTP,UPnP,SNMP,HTTPS,FTP,
Security	IP address filter;complicated password; Authenticated username and password
Streaming Method	Unicast/Multicast
App Programming Interface	ONVIF(Profile S/G/T)
Compatible Web Browsers	IE10/11, Safari V12.1 above, Firefox V.52 above Google chrome V.57 above, Edge V.79 above

GENERAL

Operating Conditions	-35~+60°C/less than ≤ 95% RH
Ingress Protection	IP67
Input Voltage/ Current	D12V/POE(IEEE802.3af)
Power Consumption (IR OFF)	4W-5W
Power Consumption (IR ON)	8.5W-10W
Material	White/Metal
Dimensions (HXWXD)	Ø90 X 301.11mm
Weight	appr. 1427g



DIMENSIONS

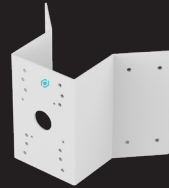


COMPATIBLE ACCESSORIES

WALL MOUNT SOLUTION

Included


CORNER MOUNT SOLUTION



 **COMB6**
CORNER MOUNT BRACKET

POLE MOUNT SOLUTION



 **PMB6**
POLE MOUNT BRACKET

JUNCTION BOX



 **B6BASE1**
JUNCTION BOX

DOWNLOAD THE OV CONNECT APP

