PANORAMIC
BULLET
CAMERA

180° FIELD OF VIEW

Featuring an 8mp resolution and a 180-degree field of view, this solution captures clear and comprehensive footage of its surroundings. It also comes equipped with advanced AI features for intelligent detection and analysis of potential threats. In addition, the B7 includes a speaker and mic for two-way communication, and a siren for deterring unwanted activity. With its advanced technology, the B7 security camera is a powerful tool for protecting homes, businesses, and other properties.

B7FPAN20IP8MP-AI

- **AI FEATURES**
- **8MP 4K RESOLUTION**
- **P2P CLOUD**
- **DETERRENCE & SIREN**

Onvif SGT

- **TWO-WAY COMMUNICATION**
- **INSTANT NOTIFICATIONS**
- **2MM LENS 180 DEGREES**

B7FPAN20IP8MP-AI

VIDEO

IMAGING DEVICE	1/2.8"
EFFECTIVE PIXELS	8MP 3840(H)×2160(V)
SCANNING SYSTEM	Progressive CMOS
MIN. ILLUMINATION	Color 0.007lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON

LENS

FOCAL LENGTH (ZOOM RATIO)	2.0 mm
MAX. APERTURE RATIO	F No. 2.4
ANGULAR FIELD OF VIEW	Horizontal: 180°, Vertical: 91°, Diagonal: 180°
MIN. OBJECT DISTANCE	0.6m
LENS TYPE	M12

OPERATIONAL

IR LED	2
WARMLIGHT	2
IR VIEWABLE LENGTH	Up to 25m
WARMLIGHT VIEWABLE LENGTH	Up to 15m
BACKLIGHT COMPENSATION	Off/On (5 Zone)
WIDE DYNAMIC RANGE	WDR
DIGITAL NOISE REDUCTION	3D DNR
MOTION DETECTION	Off/On (8 Level)
IMAGE SETTING	Day&Night Mode/Full Color Mode/Schedule
PRIVACY MASKING	Off/On (4 Zone, Rectangle)
GAIN CONTROL	Auto
WHITE BALANCE	Auto/Manual
ELECTRONIC SHUTTER SPEED	1/5 ~ 1/20000s
ON-BOARD STORAGE	Micro SD slot, up to 256GB
ALARM	Built-in red & bule flashing lights
AUDIO	Built-in microphone & speaker
HARDWARE RESET	Yes

NETWORK

ETHERNET	RJ45(10/100BASE-T)
VIDEO COMPRESSION FORMAT	H.265/H.264
RESOLUTION	**Main Stream @ 20fps** 8MP(3840x2160),5MP(2592x1944,3072x1728),4MP(2592x1520), 3MP(2304x1296),1080P(1920x1080), 960P(1280*960),720P(1280x720), **Sub Steam @ 20fps** 720P(1280x720),VGA(640x480) **Mobile Stream @ 20fps** VGA(640x480)
VIDEO QUALITY AJUSTMENT	256Kbps ~ 16Mbps
BITRATE CONTROL METHOD	CBR/VBR
STREAMING CAPABILITY	Triple-Stream(Main/Sub/Mobile)
IP	IPv4/IPv6
PROTOCOL	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP, SMTP,NTP,UPnP,SNMP,HTTPS,FTPw
SECURITY	IP address filter;complicated password; Authenticated username and password
STREAMING METHOD	Unicast/Multicast
APPLICATION PROGRAMMING INTERFACE	ONVIF(Profile S/G/T)
WEB VIEWER	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	Max. 12W
MATERIAL	Metal
DIMENSION (WXHXD)	151.3*74.1*74.1mm
WEIGHT	388g

AI FEATURES

RARE SOUND DETECTION	FACE RECOGNITION
PEDESTRIAN DETECTION	HUMAN DETECTION
CROSS COUNTING	VEHICLE DETECTION
CROWD DENSITY DETECTION	HEAT MAP
LINE CROSSING DETECTION	PERIMETER INTRUSION DETECTION
LICENSE PLATE DETECTION	QUEUE LENGTH DETECTION

UPLOAD TO FTP, SEND EMAIL, TRIGGER RECORDING, AUDIBLE WARNING, LIGHTS FLASHING

180 DEGREES IN ACTION

Camera   2023- 05- 15 14: 42: 53

2023- 05- 15 14: 43: 21

B7FPAN28IP8MP-AI 180° WIDE ANGLE VIEW

GSD 2.8MM LENS SECURITY CAMERA

LINE OF ART

241.3mm
225.7mm
108.7mm
⌀80.6mm
⌀92mm
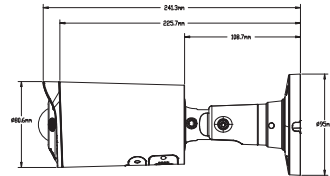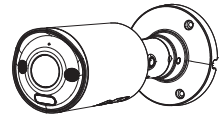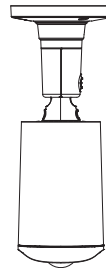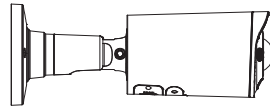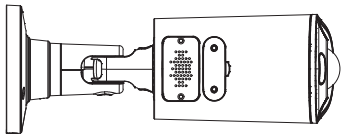
ACCESSORIES

◆ **B6BASE1**
JUNCTION BOX

◆ **COMB6**
CORNER MOUNT BRACKET

◆ **PMB6**
POLE MOUNT BRACKET