

2MP Biosense Fixed Lens Dome IP Camera

Biosense Series

GT-852B31B-S2-S



2MP

1/2.9" 2MP
CMOS Sensor

3D
DNR

3D
DNR

POE

Built-in
PoE



2.8mm High-quality
Optical Lens

IP67

IP67 Metal
Casing



Lightning
Protection

30m

30m IR
Effective Range



Multiple Web
Browsers Supported

Solution Overview

Bio Sense Series IP Camera is the front-end of intelligent video surveillance solution released based on the Deep Learning algorithm and Computer Vision technology. By using advanced and powerful CPU, couple with the embedded intelligent classification algorithm based on computer vision technology, the Bio Sense IP Cameras can accurately detect and recognize the human target, meanwhile effectively filter out the other useless objects such as: animals, leaves, shadows, and rain, etc to reduce the false alarms, and more focusing on the important alarms. The Bio Sense Lite IP Cameras can greatly help to improve the efficiency and safety of the entire video surveillance system, can be widely used in different scenario such as smart school, office, industrial park, community, public security, etc.

H.265

H.265 technology is an evolutionary optimization of traditional H.264; it includes a series of encoding strategies such as dynamic ROI, smart 2D&3D noise reduction, and so on, for delivering high-quality videos, and significantly saving up to 70% bandwidth and storage.

Protection

With the precise mechanical and rugged metal casing design, IP cameras of the Biosense series rated IP67 could stand against water and dust for a long time. With 10% of input voltage tolerance, the cameras could work safely under extreme or unstable power conditions. With a working temperature range from -20°C to 55°C, the cameras could adapt to a variety of harsh outdoor environments.

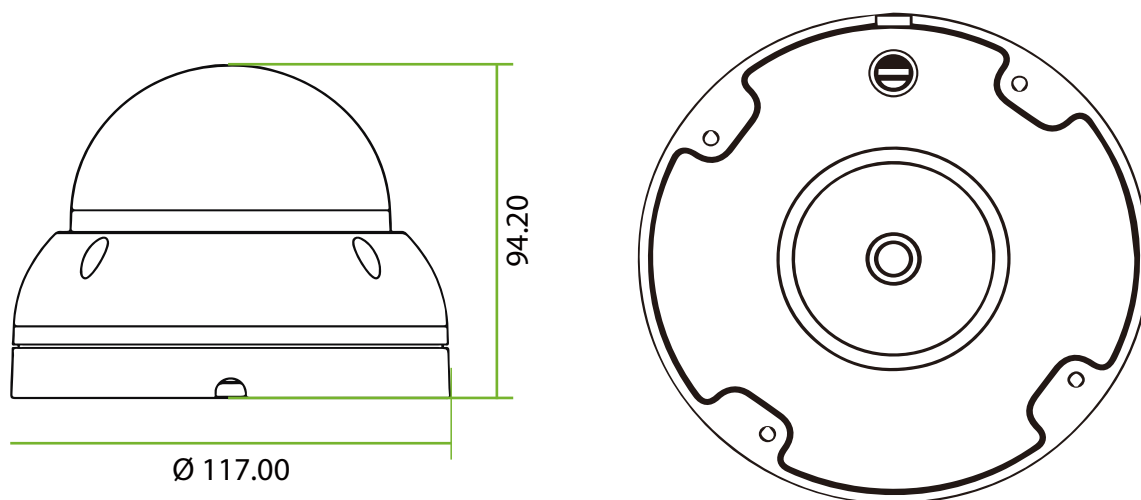
Specifications

Model	GT-852B31B-S2-S
Image Sensor	1/2.9" CMOS
Effective Pixels	1920*1080
Min. Illumination	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0 (IR ON)
Flash / DDR	16Mb / 512Mb
IR LED No.	2
IR Distance	30m
S/N Ratio	≥50dB
Lens Type	Fixed
Mount Type	Board-in
Focal Length	2.8mm
Aperture	F2.0
FOV	105°
Compression	H.265 / H.264
Resolution	1080P (1920 x 1080) / 1.3MP (1280 x 960) / 720P (1280 x 720)
WDR	DWDR
Bitrate Control	CBR / VBR
Bitrate	H.265: 128Kbps - 6Mbps, H.264: 128Kbps - 6Mbps
Multi-Streaming	Main Stream: 1080P@25fps / 960P@25fps / 720P@25fps Sub Stream: D1@25fps / VGA@25fps / CIF@25fps
Noise Reduction	2D/3D DNR
Audio Compression	G.711u
Privacy Mask	4 areas
ROI	4 areas
Intelligent Video	Line Crossing, Area detection, Smart Motion Detection (human classification)
Protocol	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, NTP
Interoperability	ONVIF, GB28181
Max. Online Users	3
Web Browser	IE / Firefox / Chrome / Safari
Management Software(VMS)	UAccess Master
Operation System	Windows
Mobile APP	AntarView Pro+ (iOS & Android)
Ethernet	RJ-45 port (10/100Mbps)
Support	Day / Night, White Balance, Mirror/Flip, Corridor Mode, Motion Detection, Digital Zoom, HLC, BLC, P2P Cloud Service
Power Supply	PoE, DC 12V±10%
Power Consumption	<3.7W
Ingress Protection Rating	IP67
Operating Temperature	-30°C ~ 60°C
Operating Humidity	10% ~ 90%
Dimensions	117 x 94.2 (mm)
Net Weight	0.54kg
Gross Weight	0.625kg

Working Application



Dimensions (mm)



Optional Accessories

Optional	Junction Box	Junction Box with Straight Bracket	Junction Box with Bent Bracket	Corner Mount Bracket	Pole Mount Bracket
Model	GB01	GB02	GB03	MT03	MT04
Picture					