

**Model: N738BADB99GA**

## **8MP VCA AI Face Detection Human & Vehicle Detection Dual Light dual lens Two Way Audio PoE Turret IP Camera**



### **Features**



- ❖ 1/2.7" CMOS sensor
- ❖ 8MP wide-view resolution 4096 x 1944P (19:9)
- ❖ 180 °wide-angle
- ❖ Face Detection, Human & Vehicle Detection, Line Crossing, Area Entry/Leaving Detection, Area Intrusion Detection
- ❖ Low illumination 0.01Lux
- ❖ Day/Night (ICR), AWB, AGC, BLC, 2D/3D-DNR, IR-CUT
- ❖ WDR, Motion Detection, Privacy Mask, Flip
- ❖ RTSP and Onvif 23.12 Compatible
- ❖ H.265/ H.264 Dual-stream Media Server
- ❖ Easy-to-use P2P Cloud Service
- ❖ Multi web browser, PC Client, Mobile APP, Remote access
- ❖ RJ45 100Mbps Network Port, IEEE802.3af PoE
- ❖ Lightning Protection 4000V
- ❖ Strong Water-proof Housing, IP67
- ❖ 2 pcs Warm light + 3 pcs IR Array leds, IR distance: 25-30M, White light distance: 25-30M
- ❖ Warm Light on and Colorful Imaging When Detect Human Body or Vehicle
- ❖ 2\*F1.6 2.8 mm fixed lens
- ❖ Two Way Audio / SD Slot / Reset Button
- ❖ Support Audio Alarm to Warn Intruders off

### **Specification**

<b>Model</b>	<b>N738BADB99GA</b>
<b>Camera</b>	
Image Sensor	1/2.7" GC6603 CMOS*2
Soc Chip	Sigmastar SSC359G
Effective Pixels	4096(H)×1944 (V)
Exposure Shutter	AUTO/Manual: 1/10s ~ 1/8000s, Max Shutter speed adjustable
Day/Night	Auto(Active/passive/schedule)/Day/Night, switch threshold, sensitivity, anti-flicker(Auto/50Hz/60Hz)
Image Adjust	Brightness,Saturation,Sharpness,Contrast,Denoise (0-100%) adjustable
White Balance	AWB/MWB
WDR	No
Light Mode	Smart(dual-light) / IR / White light, adjustable
Light Control	Auto/Manual, Brightness level (0-100%) adjustable
DNR	2D/3D DNR
<b>Encode</b>	
Video Standard	H.264/H.265/MJPEG
Video Resolution	Main Stream: 20fps@8MP(4096x1944)(default)/1920x1080P Sub stream: 20fps@1024x480(default)/768x360 (*Note:MJPEG max 1080P)
Video Bitrates	Main stream: 64kbps-12Mbps Sub stream: 64kbps-2Mbps VBR/CBR , quality(1-9), GOP(1-128)
Image Snapshot	Main stream(HD)/Sub Stream(SD) snapshot
Image Rotation	No
Border Crop	No
Image Mirror	horizon / vertical / horizon&vertical adjustable
OSD Overlay	Font size(1-4), position,Time, Title, AM/PM, Color, User OSD, Alarm OSD
Privacy Mask	4 areas
Region of Interest	ROI: Each stream support 8 areas
Audio Standard	G.711-u/G.711-a/AAC/PCM, AEC
Built-in Mic	Yes
Built-in Speaker	Yes
Stitch Distance adjust	1 - 50000mm adjustable
<b>Led</b>	
IR Led	3 pcs IR array LEDs
White Led	2 pcs warm-light LEDs
Distance	25-30 M
<b>Lens</b>	
Focal length	F1.6 2.8mm fixed
FOV	H:180°
<b>Language</b>	
English, Japanese, Korean, German, Polish, Italian, Turkish, Ukraine, Russian, etc.	

Smart Detection	
Motion Detection	Yes
Digital IO Alarm	1 pair Alarm-in/Alarm-out, normally open/normally close (optional)
Human Vehicle Detection	Yes, (2-20 meters)
Cross Line Detection	Yes, 4 lines
Perimeter protection	Yes, 4 areas
Face Detection	Yes, (1-5 meters)
<b>Target Detection Type</b>	Human Shape, vehicle, non-motor vehicle, Pet, Face(12px-1000px)
<b>Trigger Action Linkage</b>	Snapshot, Record, Relay(Red-blue Led flash) optional, White LED Flash, Voice siren, Micro-SD, Email, FTP, NAS storage (NFS)
<b>Simultaneous Detection</b>	Maximum 16 targets simultaneous detection
Storage Type	Schedule/Trigger: Micro-SD(512G) , Email, FTP, NAS (NFS)
Reset Button	Yes
Network Services	
Protocol	HTTP(s)/RTSP/FTP/SMTP/DHCP/NTP/DST/RTP/RTMP/P2P/HiK/IPv4/IPv6/NFS/DDNS
IP Address Filtering	Yes (Allow list, Deny list)
P2P Mobile APP	Android, IOS
Web Access	IE, Firefox, Chrome, Edge, Safari, etc. (Windows/Linux/Mac/Chromebook/Tablet/Mobile phone)
PC Tool	Windows, Mac
ONVIF	23.12 compatible (profile S G T M)
General	
Network Port	1-RJ45, 100Mbps, POE(IEEE802.3af)
Power Supply	12 VDC $\pm$ 10%
Power Consumption	< 10 W
Operating Temp.	-20°C-(+60)°C , 10%-90%RH

## Dimensions:

