



2MP Starlight Facial Recognition IR Bullet Network Camera

GLIB2FM-WS4



HD



Face Recognition



AI



Face Capture



Starlight

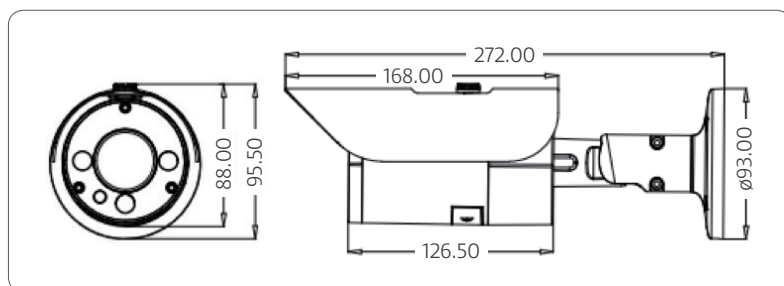


Product Positioning

GLIB2FM-WS4 is a professional facial capture and recognition, 2MP IR enable bullet camera with embedded face database. It can perform superior face identification at indoor/outdoor environment and suitable for small to middle scale facial recognition applications.

Applications

Suitable for buildings, supermarkets, hotels, banks, roads, warehouse, underground parking lots, pubs, tunnels and low light compound area that need high quality surveillance setup. High security spot that need facial capture and recognition for access control.



Feature

Operate in low lighting environment

Adopting 2MP SONY Exmor low lux, image sensor allows to operate in 0.02Lux low lighting environment. Smart IR LED fill-in lighting sends out distance up to 40 meter with IP66 housing environment.

Deep learning Facial Detect Algorithm

Unique algorithm in facial detection can effectively capture human face. Normal eye glasses or shorter bangs have no influence on recognition result.

Face capture and recognition 2-in-1 Unit

Recognition face size: face size ≥ 150 pixel; embedded face database ≤ 3000 faces; black/white list setup.

Facial Adaptive Exposure to increase accuracy

Facial capture accuracy $\geq 98\%$, Recognition $\geq 95\%$, Response time ≤ 200 ms.

Working with facial recognition NVR solutions

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Specifications

Processor	Face-recognition Chip
Facial Recognition	Simultaneous recognition of faces ≤ 10 targets
Size Recognition	Face size ≥ 150 pixel
Face Database	Local storage ≤ 3000 faces; black/ white list control
Limit of Snapshot Angle	Capture within 25 degrees in vertical, within 60 degrees in horizontal
Limit of Object Interfere	Normal eye glasses or shorter bangs have no influence on recognition result
Limit of Facial Expression	No interfere by normal facial expression
Capture Accuracy	Capture rate $\geq 98\%$ (meeting angle limits); Recognition accuracy rate $\geq 95\%$
Response Time	≤ 200 ms
Photo Output	JPG format
Image Sensor	1/2 " SONY 2MP progressive scan Exmor CMOS
Min. Illumination	0Lux/F1.4 (IR On); color: 0.02Lux/F1.4; B/W: 0.002Lux/F1.4
IR Distance	30~40M (3 IR array LEDs)
S/N Ratio	≥ 50 dB (AGC OFF)
Wide Dynamic Range	TWDR (off/ low/ middle/ high)
3D Noise Reduction	3DNR (off/ low/ middle/ middle-high/ high)
Lens	3.6~10 mm motor lens
Video Compression	H.264/ H.265
Max. Resolution	1920 x 1080 @ 25/ 30 fps
Stream	Main stream: 1920 x 1080, 1280 x 720, 720 x 576(D1), 640 x 480, 320 x 288; Sub-stream: 1280 x 720, 720 x 567(D1), 640 x 480, 320 x 288
ROI Region of Interest	Support 4 regions, capable of setting up multi-level grade
Network Protocols	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, NTP, PPPoE, UPnP, SMTP, FTP
Connection Protocol	ONVIF
Interface Connectors	RJ45, Analogue Video Output, Alarm in/out, Reset, microSD card port
Wiegand	Supported
microSD Card Storage	Support up to 128G microSD (SDHC/SDXC) card on-board storage
Operating Temperature	-20° C~55° C
Operating Humidity	0%~90%
Max. Power Consumption	< 5W
Power Supply	DC12V/ PoE
Protection Level	IP66 rating, IK10 rating (metal case)
Safety Certification	CE & FCC

*This specification is subject to possible change without prior notice.

