GLIB2FM–WS4 2MP Starlight
Facial Recognition IR Bullet Camera

Features

● **Operate in low lighting environment**

Adopt 2MP H.265 low lux. Image sensor allows to operate in 002Lux low lighting environment. Smart IR LED fill–in lighting sends out distance up to 40 meter with LP66 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: inter–pupillary distance ≥60 pixel; face size ≥150 pixel; embedded face database ≤5000 faces; black/white list setup.

● **Facial Adaptive Exposure to increase accuracy**

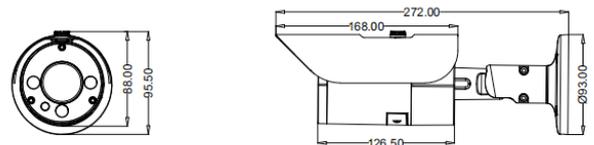Facial capture accuracy ≥98%, Recognition ≥95%, Response time ≤200ms.

● **Working with facial recognition NVR solutions**

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 .

Product Positioning

GLIB2FM–WS4 is a professional facial capture and recognition, 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.
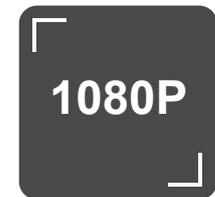

Mobile

H.265
Video Compression

ONVIF®
ONVIF

1080P
Output

Great Lite I GLIB2FM–WS4 Series

Specifications:

Processor	Face–recognition Chip
Image Sensor	1/2.8''SONY 2MP progressive scan Exmor CMOS
Max. Resolution	1920 x 1080
IR Distance	30–40M(3 IR array LEDs)
Min. Illumination	0Lux/F1.4 (IR On); color: 0.02Lux/F1.4; B/W: 0.002Lux/F1.4
S/N Ratio	≥50dB (AGC OFF)
Wide Dynamic Range	WDR(off/low/middle/high)
3D Noise Reduction	3DNR(off/low/middle/middle high/high)
Lens Connector	3.6–10mm auto lens (3.6–10mm DC / ICR lens optional)
Stream	Main stream: 1920x1080, 1280x760, 1280x720; Sub–stream: 960 528, 640x480, 320x 240
Video Coding	H.265/H.264/MJPEG
Audio Coding	G.711u/64Kbps
Facial Recognition	Simultaneous recognition of faces ≤ 10
Size Recognition	Pupil distance ≥60 pixel, face size ≥150 pixel
Face Database	Local storage ≤5000 faces; support black/white list control
Camera Angle Limits	Capture: vertical <25˚, horizontal <60˚; Recognition: vertical <20˚, horizontal <30˚
Capture Accuracy	Capture rate ≥98% (meeting angle limits); Recognition accuracy rate ≥95%
Response Time	≤200ms
Object Interfere	Normal eye glasses or shorter bangs have no influence on recognition result
Facial Expression	No interfere by normal facial expression
Photo Output	JPG format
Safety Certification	CE & FCC