



---

## 1080P Day & Night Fixed IR Vandal Resistant IP Bullet Camera



---

### Features

- Full HD 2 megapixel CMOS image sensor
- 1080P True H.264 AVC High Profile video compression
- H.264 and Motion JPEG multi-profile video streaming
- Smart H.264 supported
- 3D noise reduction (MCTF)
- 2D WDR function
- Digital PTZ supported
- Tampering / Motion detection alarm function
- High efficiency IR LED, radiant distance up to 30m
- Day & Night (IR cut removable)
- ONVIF Profile S supported
- Support ceiling and wall mount
- IP67 rain and dust resistant
- Vandal resistant approve

### Alternative models

- H.265 series or Z7R series

## Description

MR832B Outdoor rated HD 30M IR Range Bullet Lens IP Camera in the M series is featuring 1080P at 30fps frame rate, built-in Sense up+ technology to deliver stunning video in low-light conditions. Utilising intelligent image signal processing, 2D WDR function, ePTZ, Region of Interest (ROI), AGC control, and 3D Noise Reduction, the combination successfully delivers the ultimate low-light image without motion blur. The IP67-rated housing is designed to help the camera body withstand rain and dust and ensures operation under a multitude of harsh weather conditions. Support with PoE, privacy mask, White balance, and minimum illumination 0.15 Lux at F2.0 Low Light Mode.

## Specifications

Model	MR832B (Discontinued)
Min. illumination/Low Light Mode (Colour)	Color : 0.1 Lux at F2.0 ; B/W : 0.03 Lux at F2.0 ; 0 Lux with IR LED ON
Starting Temperature	-10°C – +50°C (14°F – 122°F)
Operating temperature	-40°C – +50°C (-40°F – 122°F)
Storage temperature	-25°C – +60°C (-13°F – 140°F)
Operating humidity	0% – 90% RH
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)
Power Consumption	DC12V, 6W / PoE, 7.5W
Focal Length	4mm
Iris	F2.0
Iris Control	Fixed IRIS
Angle of View	94° (H) 50° (V) 102° (D)
Peak wavelength	850nm
Beam Spread	60°
Max IR distance	30M
Pick Up Element	1/2.7" CMOS image sensor
Effective pixels	1920 (H) × 1080 (V) = 2,073,600 (Pixels)
CE	Yes, EMI CLASS B

FCC	Yes, EMI CLASS B
IP Rating	IP67
Vandal Resistant Rating / IK Rating	IK10
CPU	Intel® Core™ i3 or higher grade
OS	Windows 7 or above
RAM	4GB or above, Dedicated Graphics Card
Web browser	Microsoft® Internet Explorer® 9 or above
Dimensions	68(W) × 69(H) × 185(D) mm
Weight	450g
Window / Glass Thickness	Ø58 Heat Resistant Glass
Video Compression	H.264 main and high profile, Motion JPEG
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast 4 configurable streams in H.264 and Motion JPEG, configurable frame rate and bandwidth
Number of streams	4
Video bitrate	128Kbps – 12Mbps; Frame rate and bit rate controllable on-the-fly; VBR / CBR / GOP supported; Fixed bitrate; Smart H.264
Encryption	Base64 HTTP encryption, HTTPS encryption
Authentication	Digest HTTP authentication, RTSP authentication, 802.1x, DDNS via HTTPS
Address Filter	IP address filter, MAC address filter
Access	Multiple user access levels with password protection
User accounts	10 simultaneous users
Multi IP address	Yes
Resolution	2MP(1920 × 1080), 1.3MP(1280 × 960), 1MP(1280 × 720), D1(720 × 480, 720 × 576), VGA(640 × 480), CIF(352 × 240)
Maximum Frame Rate	H.264 / MJPEG : up to 30 fps @ 1920 × 1080
Scanning System	Progressive Scan
Infrared Cut Filter	Auto / Day (Color) / Night (Mono) / Schedule

White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Custom
Electrical Shutter	1/30(1/25)s – 1/30000s
Sense Up	Off / 1 Frame / 2 Frames
Sense Up+	Yes
Auto Gain Control	42 dB Variable Gain
S / N Ratio	More than 50dB (AGC off)
3D Noise Reduction	Off / 1 – 32 Selectable
2D WDR	Off / Auto / x2 / x3 / x4 (by normal mode)
Privacy Masking	Off / On (4 zones)
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Lens Distortion Correction
Mobile Application	Integrated to LILIN mobile app (LILIN Viewer), iPhone, iPad, Android support
Video Management	ONVIF Profile S, LILIN Navigator Enterprise 2.0, Third party VMS through LILIN HTTP API
SD Card (recording)	Support Micro SD/SDHC/SDXC card for circular recording (card is not included)
Firmware	Firmware update via HTTP and IP Scan; Firmware available at website
IVS Basic 1.0	Motion Detection, Tampering Detection, Advanced Motion Detection, Traffic Light Detection, Tripwire Detection, Object Counting
Alarm event triggers	Motion / Tamper / Network lost detection
Alarm event actions	FTP / SMTP / HTTP post / SD card / SAMBA / SNMP Trap / Push Service notification
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
Ethernet	10/100 Mbps Base-T (Tx), RJ-45
ePTZ & Digital Zoom	Yes, ROI (Region of Interest)

OSD	Text overlay for date, time, and camera name
CPU.Memory	Embedded SoC ARM Cortex-A9, 600MHz, 256MB DDR3, 256MB flash memory
Network OS	Embedded Linux 3.10
Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS, SNMP, SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP, Bonjour, 802.1x, SSL/TLS
Max number of online users	10 simultaneous users
Video Display	LILIN Universal ActiveX & HTML5