



---

## Outdoor HD 30M IR Range Fixed Lens IP Camera



---

### Features

- Outdoor Bullet Camera
- IR cut filter for day/night operations
- IP66 rain and dust resistant
- 30-meter infrared night vision
- 1080p resolution @ 30fps

---

### Description

MR832 Outdoor rated HD 30M IR Range Fixed 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 IP66-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                                     | MR832                                                                                                                                                            |
| Image Sensor/Sensor type                  | 1/2.7" CMOS image sensor                                                                                                                                         |
| Effective pixels                          | 1920 (H) x 1080 (V) = 2,073,600 pixels                                                                                                                           |
| Video Compression                         | H.264 , Motion JPEG                                                                                                                                              |
| Resolution                                | 1080P(1920 x 1080) , 720p (1280 x 720) , D1(720 x 480)<br>, CIF(352 x 240)                                                                                       |
| Frame Rates                               | H.264 : up to 30 fps @ 1920 x 1080 , 30fps @ 1280 x 720 , 30fps @ 720 x 480 / Motion JPEG : up to 15 fps @ 1920 x 1080 , 30 fps @ 720 x 480 , 30 fps @ 352 x 240 |
| Lens                                      | 4mm                                                                                                                                                              |
| Iris                                      | F2.0                                                                                                                                                             |
| Angle of View                             | 94°(H), 50°(V), 102°(D)                                                                                                                                          |
| Max IR distance                           | 30m                                                                                                                                                              |
| Infrared LED Angle                        | 60° , 90°                                                                                                                                                        |
| Video streaming                           | RTP/HTTP, RTP/TCP, RTP/UDP, Multicast                                                                                                                            |
| Video bitrate                             | 128Kbps~8Mbps ; Frame rate and bitrate controllable on-the-fly ; VBR / CBR / GOP supported                                                                       |
| Peak wavelength                           | 850nm                                                                                                                                                            |
| Window / Glass Thickness                  | Ø58 Heat Resistant Glass                                                                                                                                         |
| Scanning System                           | Progressive Scan                                                                                                                                                 |
| IR cut filter                             | Colour (Day), Monochrome (Night), Auto, Schedule                                                                                                                 |
| Min. illumination/Low Light Mode (Colour) | Colour: 0.15 Lux at F2.0, B/W: 0.05 Lux at F2.0,With<br>Infrared LED 0.0 lux                                                                                     |
| White Balance                             | Auto / Tungsten / Indoor / Fluorescents1 /<br>Fluorescents2 / Outdoor1 / Outdoor2                                                                                |
| Back Light Compensation (BLC)             | On / Off                                                                                                                                                         |
| Shutter Time                              | 1/30(1/25)s to 1/8000s                                                                                                                                           |

|                            |                                                                  |
|----------------------------|------------------------------------------------------------------|
| Sense Up                   | Off / 1 frame / 2 frames / 3 frames / 7 frames                   |
| Sense Up+                  | Yes                                                              |
| Auto Gain Control          | 36 dB variable gain                                              |
| 3D Noise Reduction         | Off / 1 to 32 selectable                                         |
| 2D WDR                     | Off / Auto / x2 / x3 / x4                                        |
| Privacy Masking            | Off / On (4 independent areas)                                   |
| Other functions            | Sharpness, Image flip, Image mirror, Hue                         |
| Encryption                 | Base64 HTTP encryption                                           |
| Access                     | Multiple user access levels with password protection             |
| User accounts              | 10 user accounts available                                       |
| IP address filter          | Yes                                                              |
| Multi IP address           | Yes                                                              |
| Users                      | 8 simultaneous users                                             |
| ePTZ & Digital Zoom        | Yes, ROI is supported                                            |
| OSD (On-Screen Display)    | Text overlay for date, time and camera name                      |
| Alarm event triggers       | Motion detection                                                 |
| Alarm event actions        | FTP,SMTP, HTTP post, SD card, SAMBA                              |
| CPU                        | Embedded SoC ARM11, 528MHz, 256MB DDR2,<br>256MB flash memory    |
| Firmware                   | Firmware upgrade via HTTP                                        |
| Network Interface/Ethernet | 10Mbps / 100Mbps Base-T, RJ-45                                   |
| CE                         | Yes                                                              |
| FCC                        | Yes                                                              |
| OS requirement             | Windows 2000, Windows XP, Windows Vista, Windows<br>7, Windows 8 |
| Web browser                | Microsoft® Internet Explorer® 6.0 and later                      |
| CPU requirement            | Intel Pentium 4 1.8GHz or above                                  |
| RAM requirement            | 1GB or above, Independent Display Card                           |

|                                     |                                                                                                                                         |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Protocols                           | IPv4□IPv6□TCP□UDP□HTTP□SMTP□NTP□<br>DDNS□UPnP□FTP□ARP□DHCP□PPPoE□DNS□<br>RTSP□RTCP□Telnet□ICMP□IGMP□ONVIF Profile<br>S□SNMP□SIP□Bonjour |
| Mobile phone                        | Integrated to LILIN mobile app (LILINViewer) ; iPhone,<br>iPad, Android support                                                         |
| Video Management                    | ONVIF Profile S / LILIN Navigator Enterprise 1.0 /<br>Third party VMS through LILIN HTTP API                                            |
| Video Display                       | LILIN Universal ActiveX & LILIN Java Applet                                                                                             |
| OS                                  | Embedded Linux 2.6.32                                                                                                                   |
| SD Card (recording)                 | Support Micro SD/SDHC card for circular recording<br>(card is not included)                                                             |
| IP Rating                           | IP66 waterproof                                                                                                                         |
| Vandal Resistant Rating / IK Rating | IK10                                                                                                                                    |
| Operating temperature               | -40□ to 50□ (-40□ to 122□)                                                                                                              |
| Dimensions                          | 68mm x 69mm x 185mm                                                                                                                     |
| Weight                              | 450g approx.                                                                                                                            |
| Power Supply                        | DC12V ±10%□Power over Ethernet (IEEE 802.3af<br>compliant)                                                                              |
| PoE                                 | PoE , IEEE 802.3af                                                                                                                      |
| Power Consumption                   | DC12V, 7.5W / PoE, 8.5W                                                                                                                 |