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## Outdoor HD 30M-Range IR Range Fixed Dome IP Camera



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### Features

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

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### Description

MR632 HD 30M IR Range Fixed Dome IP Camera in the M series features 1080p resolution at 30 frames per second, built-in Sense up+ technology to deliver stunning video in low-light conditions. Utilizing IP66, HDR, AGC control, and 3D Noise Reduction, the combination successfully delivers the ultimate low-light image with infrared. The support of PoE, privacy mask, and white balance, as well as the minimum illumination of 0.15 Lux at F2.0 will satisfy multiple applications.

## Specifications

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| Model                                     | MR632  |
| 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, 30 FPS @ 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                             | (H)94° (V)50° (D)102°  |
| Max IR distance                           | 30m  |
| Infrared LED Angle                        | 60°  |
| Video streaming                           | RTP/HTTP, RTP/TCP, RTP/UDP, Multicast Multiple configurable streams in H.264 and Motion JPEG, configurable frame rate and bandwidth    |
| Video bitrate                             | 128Kbps – 8Mbps ; Frame rate and bit rate controllable on-the-fly ; VBR / CBR / GOP supported ;<br>Fixed bitrate                       |
| Peak wavelength                           | 850nm  |
| Scanning System                           | Progressive scan   |
| IR cut filter                             | Color (Day), Monochrome (Night), Auto, Schedule  |
| Min. illumination/Low Light Mode (Colour) | 0.15 Lux at F2.0 (Color) 0.05 Lux at F2.0 (B/W) , With Infrared LED 0 Lux  |
| White Balance                             | Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2   |
| Back Light Compensation (BLC)             | On / Off   |

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|----------------------------|---|
| 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, Corridor  |
| 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                      | 10 simultaneous users   |
| OSD (On-Screen Display)    | Text over for date, time, and camera name   |
| Alarm event triggers       | Motion/Tamper/Network lost detection  |
| Alarm event actions        | FTP,SMTP, HTTP post, SD card, SAMBA   |
| CPU                        | Embedded SoC ARM11, 528MHz, 256MB DDR3,<br>256MB flash memory   |
| Firmware                   | Firmware upgrade via HTTP, and IP Scan  |
| Network Interface/Ethernet | 10Base-T / 100Base-TX, RJ-45  |
| CE                         | Yes   |
| FCC                        | Yes   |
| OS requirement             | Windows 7, Windows 8, Windows 10  |
| Web browser                | Microsoft® Internet Explorer® 9.0 and later   |
| CPU requirement            | Intel i3 or above   |
| RAM requirement            | 4GB or above, dedicated graphics card   |
| Protocols                  | IPv4, IPv6, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP,<br>FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet,<br>ICMP, IGMP, ONVIF Profile S, SNMP, SIP, SDDP,<br>Bonjour |

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|-------------------------------------|---|
| Mobile phone                        | Supports LILIN mobile app (LILIN Viewer) in both iOS and Android versions   |
| Video Management                    | ONVIF Profile S / LILIN Navigator Enterprise 1.0 and 2.0 / Third party VMS through LILIN HTTP API                                 |
| Video Display                       | LILIN Universal ActiveX & LILIN Java Applet   |
| Languages                           | English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese |
| OS                                  | Embedded Linux 2.6.32   |
| SD Card (recording)                 | Support Micro SD/SDHC card for circular recording (card is not included)  |
| IP Rating                           | IP66 waterproof   |
| Vandal Resistant Rating / IK Rating | IK10  |
| Operating temperature               | -40°C – +50°C (-40°F – 122°F)   |
| Dimensions                          | 110mm x 89mm approx.  |
| Weight                              | 500g  |
| Power Supply                        | DC12V ±10% , Power over Ethernet (IEEE 802.3af compliant)   |
| PoE                                 | IEEE 802.3af  |
| Power Consumption                   | DC12V, 4.8W / PoE, 6W   |