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## 4MP Day & Night Fixed IR Vandal Resistant IP Dome Camera



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### Features

- Full HD 4 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
- HDR function up to 100dB
- Digital PTZ supported
- IVS supported
- Tampering / Motion detection alarm function
- High efficiency IR LED, radiant distance up to 30m
- Day & Night (IR cut removable)
- ONVIF Profile S supported
- IP67 rain and dust resistant
- Vandal resistant approve

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### Description

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MR6542 is a day & night 4MP Dome IR IP camera designed for a range of environments demanding high security such as critical infrastructure, factory, retail, transportation, residential and hotel.

It features a full HD 4.0 megapixel CMOS image sensor. The camera has built-in IR-cut filter which allows clearer images at day and night operations even in the low lux condition. The high efficiency IR LED radiant distance can extend up to 30m.

Supported with privacy mask, 3D noise reduction, 2D WDR function, and HDR function up to 100dB, MR6542 ensures to deliver a clear and detailed image to the users.

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## Specifications

Model	MR6542
Min. illumination/Low Light Mode (Colour)	Color : 0.3 Lux at F2.0 ; B/W : 0.06 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, 7.2W / PoE, 8.9W
Focal Length	4mm
Iris	F2.0
Iris Control	Fixed IRIS
Angle of View	80.7° (H) 43.9° (V) 95.2° (D)
Peak wavelength	850nm
Beam Spread	60°, 90°
Max IR distance	30M
Pick Up Element	1/3" CMOS image sensor
Effective pixels	2688 (H) × 1520 (V) = 4,085,760 (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	Φ115 x 91mm
Weight	420g
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	4MP(2688 × 1520), 3.6MP(2560 × 1440), 3MP(2304 × 1296), 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 20 fps @ 2688 × 1520
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 – 1/20000s
Sense Up	Off / 1 Frame / 2 Frames
Sense Up+	Yes
Auto Gain Control	36 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)
High Dynamic Range(HDR)	Up to 100dB (by HDR mode, 2 shutter line interleave)
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
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 / SAMBA / SNMP Trap / Push Service notification
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
Network Interface/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

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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
User accounts	10 simultaneous users
Video Display	LILIN Universal ActiveX & HTML5

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