

MR652 1080P Day & Night Fixed IR Vandal Resistant Dome IP Camera

www.meritlilin.com



- ▶ 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
- ▶ 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



Dimensions

Ø115 × 91 (H) mm

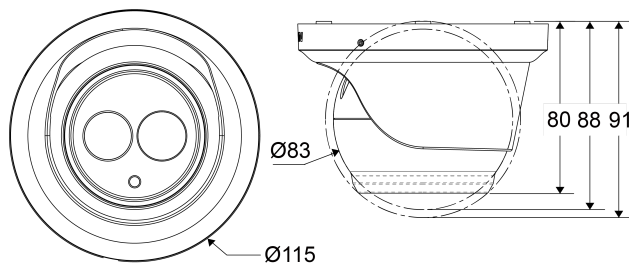
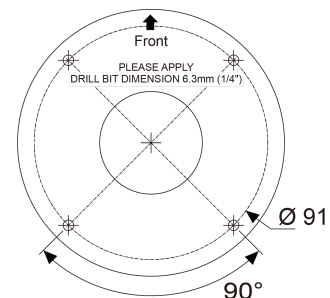


Diagram of mounting holes:(unit in mm)



Wind and Rain Standards

Meet international IP67 standards for dust and moisture resistant allowing you to install cameras in environments subject to wind and rain



Impact Resistant

IK10-certified housing designed to protect the camera from destructive behavior



Day and Night Operations via Removal of the IR-cut filter

MR652 camera was designed using a mechanical IR cut filter for increased IR sensitivity resulting in improved night time images. The removable IR-cut filter allows day and night operations even in the low lux condition providing outstanding vision



Sense Up+

Deliver outstanding video outputs in poor light conditions without experiencing motion blur. You can see video clearly even during nighttime without sufficient lighting support



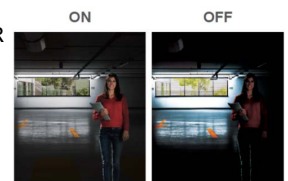
3D Noise Reduction

Remove noise from a signal. Suppressing noise in an image in low light conditions and able to retain quality videos at the same time



Wide Dynamic Range (WDR)

Wide Dynamic Range (WDR) displays details of both the brightest and darkest areas. WDR can extend image visibility under high contrast lighting scenes and improve image quality



Privacy Masking

Privacy Masking is a feature used to protect personal privacy by concealing private areas in the camera's field of view. Doorways and house windows for example are not subject to surveillance



Video Security App

Available on Android and iOS – LILINViewer app provides security alarm push notification, real-time live viewing, and remote video playback



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Video Performance

Model	MR652
Min. Illumination	Color : 0.1 Lux at F2.0 ; B/W : 0.05 Lux at F2.0 ; 0 Lux with IR LED ON

Power and Environment

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)
Humidity	0% – 90% RH
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)
Power Consumption	DC12V, 5.8W / PoE, 7W

Lens / Night vision (infrared LED)

Focal Length	4mm
Iris	F2.0
Iris Control	Fixed IRIS
Angle of View	94° (H) 50° (V) 102° (D)
Peak Wavelength	850nm
Beam Spread	30°, 50°
Radiant Distance	30M

Sensor

Pick Up Element	1/2.7" CMOS image sensor
Effective Pixels	1920 (H) × 1080 (V) = 2,073,600 (Pixels)

Certifications

CE	Yes
FCC	Yes
IP Rating	IP67
Vandal Resistant Rating	IK10

PC Requirements

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

Mechanical

Dimension	Ø115 × 91 (H) mm
Weight	450g

Video Streaming

Video Compression	H.264, 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

Network Security

Encryption	Base 64 HTTP encryption
Authentication	RTSP authentication
Address Filter	IP address filter
Access	Multiple user access levels with password protection
Users	10 simultaneous users
Multi IP address	Yes

Video Resolutions (H x V)

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

Video Functions

Scanning System	Progressive Scan
Infrared Cut Filter	Auto / Day (Color) / Night (Mono) / Schedule
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Back Light Compensation	On / Off
Electrical Shutter	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 – 32 Selectable
2D WDR	Off / Auto / x2 / x3 / x4
Privacy Masking	Off / On (4 zones)
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Corridor

Integration

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
Maintenance	Firmware update via HTTP and IP Scan; Firmware available at website
Event Triggers	Motion / Network lost detection
Event actions	FTP / SMTP / HTTP post / SAMBA
Alarm weighted mode	Yes
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese

Network

Ethernet	10/100 Mbps Base-T, RJ-45
OSD	Text overlay for date, time, and camera name
CPU, Memory	Embedded SoC ARM11, 528MHz, 256MB DDR3, 256MB flash memory
OS	Embedded Linux 2.6.32
Network Protocols	IPv4, IPv6, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SNMP, Bonjour
User accounts	10 simultaneous users
Video Display	LILIN Universal ActiveX & LILIN Java Applet