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## Outdoor HD 30M IR Range Vari-focal Dome IP Camera



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### Features

- Outdoor Vandal Dome Camera
- IR cut filter for day/night operations
- IP66 rain and dust resistant
- 30-meter infrared night vision
- 4MP resolution @ 20fps
- High Dynamic Range
- One digital input / one digital output

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### Description

As with all M series cameras, MR6442AX HD 30M-Range IR Varifocal Dome IP Camera features 4MP resolution at 20 frames per second, built-in Sense up+ technology to deliver stunning video in low-light conditions, and intelligent video surveillance (IVS) functions. Utilizing intelligent image signal processing, HDR, two-way audio, and 3D Noise Reduction, the combination successfully delivers the ultimate low-light image without motion blur. The support of PoE, privacy mask, and white balance, as well as the minimum illumination of 0.15 Lux at F1.4 will satisfy multiple applications.

## Specifications

Model	MR6442AX
Image Sensor/Sensor type	1/3" CMOS image sensor
Max. Image Pixels/ Total sensor pixels/ Effective Pixels	2688(H) x 1520 (V) = 4,085,760 pixels
Video Compression	Smart H.264/ H.264 High/Main Profile, Motion JPEG
Megapixels	4MP(2688 x 1520) , 1080p(1920 x 1080) , 1280x960(1280 x 960) , 720P(1280 x 720) , D1(720 x 480, 720 x 576) , VGA(640 x 480) , CIF(352 X 240)
Frame Rates	H.264 : up to 20 FPS @ 2688 x 1520, up to 30 FPS @ 1920 x1080 / MJPEG : up to 20 FPS @ 2688 x 1520, up to 30 FPS @ 1920 x1080
Lens/Focal length	2.8 – 12mm
Iris	F1.4
Angle of View	(H)95°– 33°(V)51°– 18°(D)109°– 38°
IR Radiant Distance	30m
Infrared LED Angle	60°, 90°
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast 4 configurable streams in H.264 and Motion JPEG, configurable frame rate and bandwidth
Video bitrate	128Kbps – 12Mbps ; Frame rate and bit rate controllable on-the-fly VBR / CBR / GOP supported ; 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 F1.4 (Color) , 0.05 Lux at F1.4 (B/W) ; With Infrared LED 0 Lux
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Back Light Compensation (BLC)	On / Off
Shutter Time	1/30(1/25)s to 1/20000s
Sense Up	Off / 1 frame / 2 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 (by normal mode)
High Dynamic Range(HDR)	Up to 100dB (by HDR mode, 2 shutter line interleave)
Privacy Masking	Off / On (4 independent areas)
D/N quality setting	Yes
Adjustable picture setting	Contrast, Brightness, Saturation
Other functions	Sharpness, Hue, Image flip, Image mirror
Lens distorsion correction (LDC)	Yes
Live video	CVBS 1.0Vp-p, 75 ohm, connector
Audio Input / Output	Mono, 1.98Vp-p, Terminal block
Encryption	Base64 HTTP encryption / Digest
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 overly for date, time , and camera name
IVS (Intelligent Video Surveillance)	Advanced motion detection, Tripwire detection, Semaphore + Tripwire detection, Object counting
Alarm event triggers	Motion/Tamper/Audio/Network lost detection
Alarm event actions	FTP,SMTP, HTTP post, SD card, SAMBA
Alarm weighted mode	Yes

CPU	Embedded SoC ARM Cortex-A9, 600MHz, 256MB DDR3, 256MB flash memory
Firmware	Firmware upgrade via HTTP, and IP Scan
Network Interface/Ethernet	10Base-T / 100Base-TX, RJ-45
CE	Yes
FCC	Yes
Connectivity	ONVIF Profile S / LILIN API (CGI)
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, HTTPS, SMTP, SIP, MQTT, QoS, SNMP , SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP, Bonjour
RTSP Authentication	On / Off
Mobile phone	Integrated to LILIN mobile app (LILIN Viewer) iPhone, iPad, Android support
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 & HTML5
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
OS	Embedded Linux 3.10
Audio	2-way audio supported , G.711 / PCM
SD Card (recording)	Support Micro SD/SDHC/SDXC (up to 128GB) card for circular recording (card is not included)
Alarm Input / output	Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact N.O., Load max. 40VDC/300mA), Terminal block

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IP Rating	IP66 waterproof
Vandal Resistant Rating / IK Rating	IK10
Operating temperature	-40°C - +50°C (-40°F - 122°F)
Dimensions	Ø120mm x 106mm
Weight	720g approx.
Power Supply	DC12V ±10% , Power over Ethernet (IEEE 802.3af compliant)
PoE	IEEE 802.3af
Power Consumption	DC12V, 5.6W / PoE, 7.2W

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