



1080p HD Microdome IP Camera



Features

- Microdome IP camera
- High Dynamic Range

- Back light compensation
- Compact design and discreet low-profile form factor
- 1080p video resolution
- Easy to install

Description

As with all M series cameras, the 1080p HD Dome IP Camera MD2222 incorporates Sense up+, a unique technology that delivers stunning video in low-light conditions. Utilizing intelligent image signal processing, auto gain control (AGC), and 3D Noise Reduction, the image of this model under demanding lighting conditions does not suffer from motion blur. The MD2222 is capable of producing three independent video streams, and different streams can be adjusted for different applications, depending on the individual user requirements.

Specifications

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| Model | MD2222E2 |
| 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 High/Main Profile, Motion JPEG |
| Resolution | 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 30 FPS @ 1920 x 1080, MJPEG : up to 30 FPS @ 1920 x 1080 |
| Lens | 2.8mm |
| Iris | F1.8 |
| Angle of View | (H) 118.6° (V) 67.4° (D) 135.6° |
| Video streaming | RTP/HTTP, RTP/TCP, RTP/UDP, Multicast 3 configurable streams in H.264 and Motion JPEG, configurable frame rate , bandwidth Codec and GOP |
| Video bitrate | 128Kbps – 12Mbps ; Frame rate and bit rate controllable on-the-fly ; VBR / CBR / GOP supported ; Fixed bitrate |
| Scanning System | Progressive scan |
| Min. illumination/Low Light Mode (Colour) | 0.07 Lux at F1.8 (Color), 0.03 Lux at F1.8 (BW) |
| White Balance | Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2 |
| Back Light Compensation (BLC) | On / Off |
| Shutter Time | 1/30(1/25)s to 1/60000s |
| Sense Up | Off / 1 frame / 2 frames |

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| Sense Up+ | Yes |
| Auto Gain Control | 42 dB variable gain |
| 3D Noise Reduction | Off / 1 to 32 selectable |
| 2D WDR | Off / Auto / x2 / x3 / x4 (in normal mode) |
| High Dynamic Range(HDR) | Up to 100dB (in HDR mode, 2 shutter line interleave) |
| Privacy Masking | Off / On (4 independent areas) |
| Other functions | Sharpness, Hue, Image flip, Image mirror |
| Encryption | Base64 HTTP encryption / Digest auth. |
| 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 |
| ePTZ & Digital Zoom | Yes |
| OSD (On-Screen Display) | Text over 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, HTTP post, SD card, SAMBA |
| CPU | Embedded SoC ARM Cortex-A9, 600MHz, 256MB DDR3, 32MB 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 |

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| Protocols | IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, SIP, MQTT, QoS, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP |
| 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 & HTML5 |
| Languages | English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese |
| OS | Embedded Linux 3.10 |
| Audio | One-way audio supported, G.711 / PCM (Built-in microphone) |
| SD Card (recording) | Support Micro SD/SDHC/SDXC (up to 128GB) card for circular recording (card is not included) |
| Operating temperature | -25°C – +50°C (-13°F – 122°F) |
| Dimensions | Ø 105mm x 39mm |
| Weight | 250g |
| Power Supply | DC12V ±10% , Power over Ethernet (IEEE 802.3af compliant) |
| PoE | PoE , IEEE 802.3af |
| Power Consumption | DC12V, 2.6W / PoE, 3.8W |