

1080P Day & Night Auto Focus IR Bullet IP Camera

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| Min. illumination/Low Light Mode (Colour) | Color : 0.01 Lux at F1.8 ; B/W : 0.001 Lux at F1.8 ; 0 Lux with IR LED ON |
| Starting Temperature | -10°C – +50°C (14°F – 122°F) |
| Operating temperature | -30°C – +50°C (-22°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, 7.7W / PoE, 10.0W |
| Lens | 2.8 – 12 mm (zoom / focus motorized) |
| Iris | F 1.8(W) - F 3.3(T) |
| Iris Control | Fixed IRIS |
| Angle of View | 104.0° (W) – 36.6° (T) (H) 54.7° (W) – 20.4° (T) (V) 126.1° (W) – 41.7° (T) (D) |
| Peak wavelength | 850nm |
| Beam Spread | 60° |
| Max IR distance | 30M |
| Pick Up Element | 1/2.7" CMOS image sensor |
| Effective pixels | 1932(H) X 1092(V) = 2,109,744 (Pixels) |
| CE | Yes, EMI CLASS A |
| FCC | Yes, EMI CLASS A |
| IP Rating | IP67 |
| CPU | Intel Core i7 |
| OS | Windows 7 or above |
| RAM | 8GB or more, Dedicated Graphics Card |
| Web browser | Microsoft® Internet Explorer® 9 or above |
| Dimensions | 74(W) × 69(H) × 189(D) mm |
| Weight | 575g |
| Casing Material | Aluminum alloy |
| Window / Glass Thickness | Ø61 Heat Resistant Glass |
| Alarm Input / output | Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact N.O., Load.max. 40VDC,450mW/300mA,450mW), Terminal block |
| Video Compression | H.265/HEVC Main Profile, H.264 Main Profile , Motion JPEG |

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|-------------------------------|---|
| Video streaming | RTSP/UDP, RSTP/TCP, configurable streams in H.265 and H.264 and Motion JPEG, configurable frame rate and bandwidth |
| Number of streams | 3 |
| Video bitrate | 128Kbps - 8192Kbps, Frame rate and bit rate controllable on-the-fly, VBR / CBR / GOP supported, H.264/H.265 |
| Encryption | Base64 HTTP encryption, Digest HTTP authentication, RTSP Authentication |
| Authentication | Digest HTTP authentication, RTSP authentication, DDNS via HTTPS |
| Access | Multiple user access levels with password protection |
| Users | 7 simultaneous users |
| Resolution | 2MP(1920 × 1080), 1.3MP(1280 × 960), 1MP(1280 × 720), 720 × 576, 720 × 480, 720 × 384, VGA(640 × 480), CIF(352 × 256) |
| Frame Rates | 60Hz: 30 fps @ 1920 × 1080 50Hz: 25 fps @ 1920 × 1080 |
| Scanning System | Progressive Scan |
| Infrared Cut Filter | Auto / Schedule / Day (Color) / Night (Mono) |
| White Balance | Auto/ Manual (adjustable) |
| Back Light Compensation (BLC) | Off / On |
| Electrical Shutter | 1/30(1/25)s – 1/20000s |
| Sense Up | Off / x2 / x4 |
| Sense Up+ | Yes |
| Auto Gain Control | 42 dB Variable Gain |
| S / N Ratio | More than 48dB (AGC off) |
| 3D Noise Reduction | Off / 1 – 32 Selectable |
| 2D WDR | Off / Auto (x2, x3, x4) |
| Privacy Masking | Off / On (4 zones) color mask configurable |
| Image Effects | Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Rotation |
| Auto Focus | One Push |
| Mobile phone | Integrated to LILIN mobile app (LILIN Viewer), iPhone, iPad, Android support |
| Video Management | ONVIF Profile S / LILIN Navigator Enterprise 2.0 support, Third party VMS through LILIN HTTP API |
| SD Card (recording) | Support (128GB) Micro SD/SDHC/SDXC card for circular recording (card is not included) |
| Maintenance | Firmware update via HTTP and IP Scan; Firmware available at website |

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|----------------------------|---|
| Alarm event triggers | Motion / Alarm / Network lost detection / Global Counter / Virtual Input / Metadata |
| Alarm event actions | FTP / SMTP / HTTP POST / SD / SAMBA / Alarm / Global Counter / Virtual Input |
| Languages | English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese |
| Network Interface/Ethernet | 10/100 Mbps Base-T, RJ-45 |
| OSD | Text overlay for date, time, and camera name (position configurable text overlay for date, time, camera name) |
| CPU.Memory | SoC ARM Cortex-A7 Single Core,Embedded DDR2, size up to 512MB flash memory |
| Network OS | Embedded Linux 3.10 |
| Protocols | IPv4, TCP, UDP, HTTP, HTTPS, SMTP, NTP, DDNS, FTP, ARP, DHCP, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SSL/TLS |
| User accounts | 7 simultaneous users |
| Video Display | LILIN Universal ActiveX |
| Log | System / Config / Alarm / User / Record / Storage / Network |
| High Dynamic Range(HDR) | Up to 70dB (DWDR on) |
| EV (Exposure Value) | Adjustable |