

# E5R9152A

## 5MP Day & Night Fixed IR Bullet IP Camera

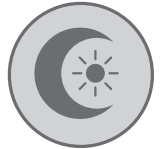
www.meritlilin.com



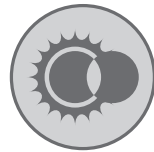
Resolution



FCC



Day & Night



WDR



Waterproof



Mobile App

- High quality imaging with progressive scan CMOS
- Up to 30M IR distance
- Fixed lens
- 3D DNR
- Built-in micro SD card slot
- Built-in microphone
- DC12V/PoE power supply
- IP66
- Support mobile surveillance by smart phones

Diagram

| Video Performance                  |  |
|------------------------------------|--|
| Minimum Illumination               | Color 0.002Lux @(F1.2,AGC ON) ; B/W 0 lux @ IR ON  |
| Lens / Night Vision (Infrared LED) |  |
| Focal Length                       | 3.6mm  |
| Iris / Aperture                    | F1.6   |
| Iris Control                       | Fixed  |
| Angle of View (H)                  | 79°  |
| Angle of View (V)                  | 56°  |
| Angle of View (D)                  | 106°   |
| Peak Wavelength                    | 850nm  |
| Radiant Distance                   | 30M  |
| Sensor                             |  |
| Pick Up Element                    | 1/2.7" CMOS image sensor   |
| Effective Pixels                   | 2608(H) X 1960(V) = 5,111,680 (Pixels)   |
| Certifications                     |  |
| CE                                 | Yes  |
| FCC                                | Yes  |
| IP Rating                          | IP66   |
| PC Requirements                    |  |
| CPU                                | Intel Core i7 or higher grade  |
| OS                                 | Windows 7 or above   |
| RAM                                | 8GB or more, Dedicated Graphics Card   |
| Web Browser                        | Microsoft® Internet Explorer® 10 and later   |
| Input / Output                     |  |
| Microphone                         | Built-in Microphone  |
| Audio                              | One-way Audio, G.711 u-law   |
| Video Streaming                    |  |
| Video Compression                  | H.265/HEVC Main Profile, H.264 Main Profile, Motion JPEG   |
| 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        |
| Maximum Frame Rate                 | 2592x1920 / 20 fps   |
| Network Security                   |  |
| Encryption                         | Base64 HTTP encryption, DDNS via HTTPS, AES-256 encryption   |
| Authentication                     | Digest HTTP authentication, RTSP Authentication, TLS, DDNS via HTTPS   |
| Access                             | Multiple user access levels with password protection   |
| User accounts                      | 7 user accounts available  |
| Video Resolutions (H x V)          |  |
| Mainstream Resolution              | 2592x1920, 2304x1728, 2304x1280, 1920x1080, 1280x960, 1280x720   |
| Substream Resolution               | 1280x720, 720x576, 720x480, 720x384, 640x480   |
| Mobilestream Resolution            | 720x480,720x384, 640x480, 352x256  |
| Video Functions                    |  |
| Scanning System                    | Progressive Scan   |
| Infrared Cut Filter                | Auto / Schedule / Day (Color) / Night (Mono)   |
| White Balance                      | Auto / Manual (Adjustable)   |
| Electrical Shutter                 | 1/30(1/25)s - 1/20000s   |
| Sense Up                           | Off / x2 / x4  |
| Auto Gain Control                  | 6 / 12 / 18 / 24 / 30 / 36 dB  |
| S/N Ratio                          | More than 48dB (AGC off)   |
| 3D Noise Reduction                 | Yes  |
| Privacy Masking                    | Off / On (4 zones)   |
| Image Effects                      | Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip   |
| EV (Exposure Value)                | Adjustable   |

| Integration                |   |
|----------------------------|---|
| Mobile Application         | Integrated to LILIN mobile app (LILIN Pro), 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 Micro SD/SDHC/SDXC card for circular recording (card is not included)   |
| Maintenance                | Firmware update via HTTP and IP Scan<br>Firmware available at web site  |
| Event Triggers             | Motion / Network lost detection / Global Counter / Virtual Input / Metadata   |
| Event actions              | FTP / SMTP / HTTP post / SD card / SAMBA / Global Counter / Virtual Input / Push Service notification                             |
| Languages                  | English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese |
| Network                    |   |
| Ethernet                   | 10Base-T / 100Base-TX, RJ-45  |
| OSD                        | Text overlay for date, time, and camera name (position configurable text overlay for date, time, camera name)                     |
| CPU, Memory                | Embedded SoC ARM Cortex-A7, 800MHz, 128MB DDR3, 64MB flash memory   |
| OS                         | Embedded Linux 3.10   |
| Network Protocols          | IPv4, TCP, UDP, HTTP, HTTPS, SMTP, NTP, DDNS, FTP, ARP, DHCP, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SSL/TLS       |
| Max number of online users | 7 simultaneous users  |
| Video Display              | ActiveX   |
| Log                        | System / Config / User / Record / Storage / Network   |
| Power and Environment      |   |
| 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)   |
| Humidity                   | 0% ~ 95% RH   |
| Power Supply               | DC12V ±10% / PoE (IEEE 802.3af compliant)   |
| Power Consumption          | DC12V, 4W / PoE, 5.5W   |
| Mechanical                 |   |
| Dimension                  | Ø150.8*70.9(H) mm   |
| Weight                     | 349g  |
| Casing Material            | Aluminum alloy  |