

# E5R4252AX

5MP Day & Night Vari-Focal IR Vandal Resistant Dome IP Camera



## Cost Efficient, Total Integration

Affordable, multi-functional entry-level surveillance solution.

LILIN E-series product line helps you manage resources in a most efficient manner, and deploy quickly in entry markets that do not require complex functions.

Even so, the E-Series product line is compatible with LILIN NVR, NAV and NCS hosts and mobile apps to manage and view video without additional setups.

### Features

- High quality imaging with progressive scan CMOS
- Support SMART H.265/H.264 coding
- Up to 45M IR distance
- Vari-focal lens
- 3D DNR
- Built-in micro SD card slot
- DC12V/PoE power supply
- IP66
- Support mobile surveillance by smart phones

| Video Performance                  |  |
|------------------------------------|--|
| Minimum Illumination               | Color 0.002Lux @(F1.2,AGC ON) ; B/W 0 lux @ IR ON  |
| Lens / Night Vision (Infrared LED) |  |
| Focal Length                       | 2.7~13.5mm   |
| Iris / Aperture                    | F1.8 (W) – F3.3 (T)  |
| Iris Control                       | Fixed  |
| Angle of View (H)                  | 31~102°  |
| Angle of View (V)                  | 23~73°   |
| Angle of View (D)                  | 38~138°  |
| Peak Wavelength                    | 850nm  |
| Beam Spread                        | 60°+90°  |
| Radiant Distance                   | 45M  |
| Sensor                             |  |
| Pick Up Element                    | 1/2.7" CMOS image sensor   |
| Effective Pixels                   | 2608(H) X 1960(V) = 5,111,680 (Pixels)   |
| Light Sensor                       | --   |
| Certifications                     |  |
| CE                                 | Yes  |
| FCC                                | Yes  |
| IP Rating                          | IP66   |
| Vandal Resistant Rating            | IK10   |
| 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                     |  |
| Audio Input / Output               | Mono, 1.98 Vp-p, 2.2KΩ, RCA connector  |
| Audio                              | Two-way Audio, G.711 u-law / PCM   |
| Video Streaming                    |  |
| Video Compression                  | H.265/HEVC Main Profile, H.264 Main and High 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   |

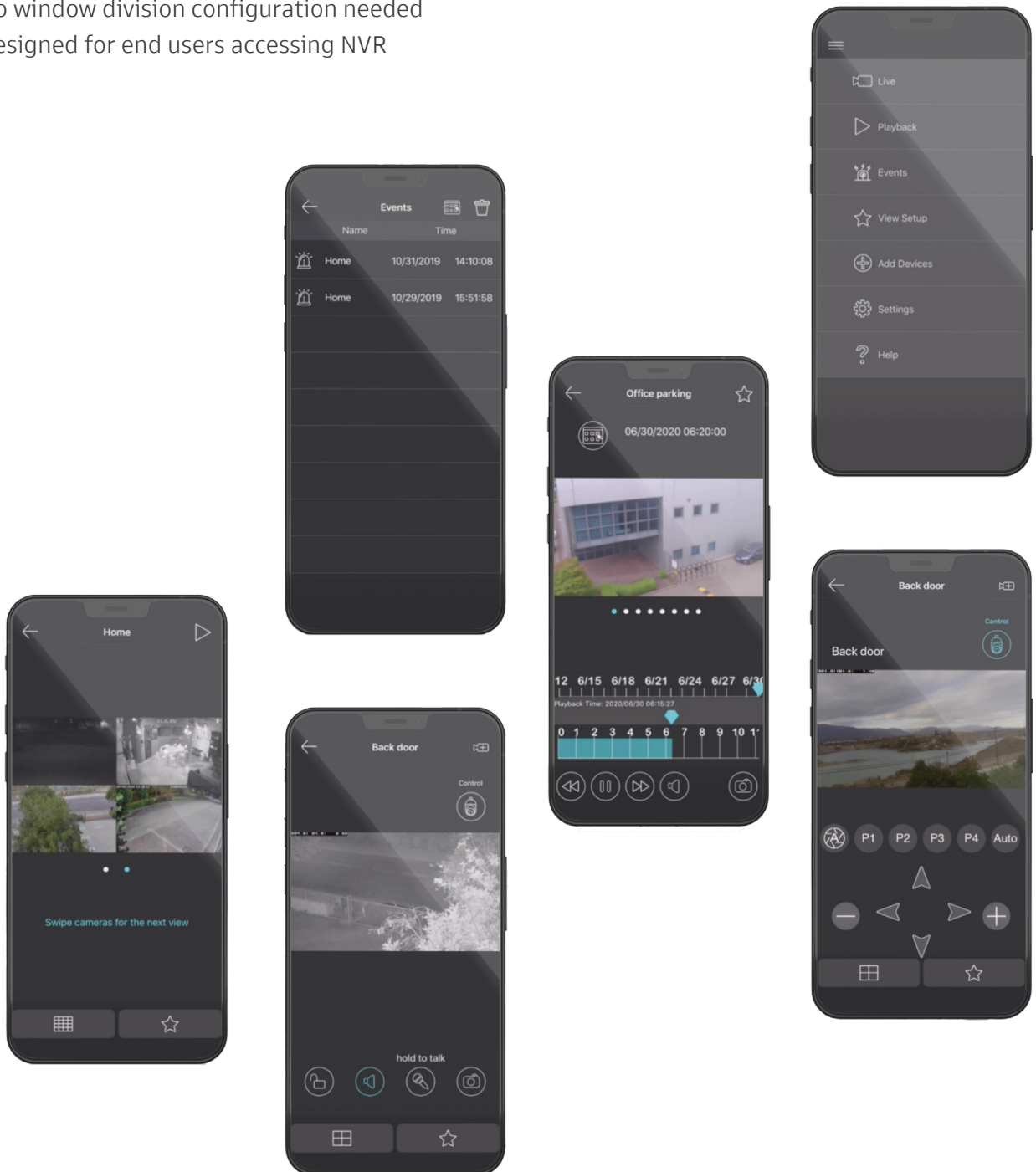
| Network Security          |   |
|---------------------------|---|
| Encryption                | Base64 HTTP encryption, DDNS via HTTPS  |
| Authentication            | Digest HTTP authentication, RTSP Authentication, TLS, DDNS via HTTPS  |
| Access                    | Multiple user access levels with 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 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 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  |
| IVS Basic 1.0             | --  |
| 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          | DV12V, 4W / PoE, 6W   |
| Mechanical                 |   |
| Dimension                  | Ø148 x 109(H) mm  |
| Weight                     | 950g  |
| Casing Material            | Aluminum alloy  |

## Easy access to NVRs

LILINHome App is designed for accessing live video and recording for LILIN NAVs VMS, NVRs, and cameras. Two-way audio, push notification, digital output control, and PTZ control are supported by the App. Easy configuration for LILIN P2P NVR is supported, no complicate camera settings. Secured credentials stored and cloud configurations are also supported.

- No cameras of NVRs configuration needed
- No window division configuration needed
- Designed for end users accessing NVR





## Totally NAV Compatible

Navigator 3.0 Corporate version supports multiple input sources, each station can record and manage up to 108 channels and support alarm trigger and output function. It can support POS system, ANPR, Face Recognition, AIDA recognition. It can provide complete remote software to perform multi-site monitoring and statistics display, which can be used for various applications with LILIN IO box. It provides a complete TV wall and eMap alarm display. And a very reliable disconnection recovery and backup mechanism.

- Manage and record 108 IP cameras per station
- User can decide to record main stream or substream
- Integrated alarm management for various alarm outputs
- User-friendly UI and TV Wall application are supported
- Compatible with third party ONVIF Profile S IP camera
- User account customizable
- Support failover up to 36 channel per server, can monitor up to 8 recording server
- Several alarm input with logical control and support schedule management
- Support 4K UHD camera, 120FPS camera
- Support corridor mode and increase the monitoring area in the vertical narrow environment

\*Specifications are subject to change without notice.  
Please contact our regional sales for latest information

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## Merit LILIN Ent. Co., Ltd.

With over 40 years of experience in the surveillance industry, LILIN is the first ONVIF-compliant camera manufacturer and expert with leading achievements in video transmission and analysis technology. LILIN integrates AIoT applications, edge computing, and security equipment into a total solution for cross-industry applications in industrial and commercial environments such as construction, transportation, shipping, ports, military, retail, office premises, schools, banks, entertainment venues, and factories, as well as adapting product capabilities to meet public facility needs in line with government strategies.

LILIN is committed to providing highly reliable products and services in the field of video integration and event analysis, such as license plate recognition, face recognition, advanced electronic fencing, vehicle, and pedestrian flow detection, social distance detection, mask detection, lost and found, and site safety applications.

### Headquarters

No. 20, Wugong 6th Road, New Taipei Industrial Park, Wugu District, New Taipei City 248  
inquiry@meritlilin.com  
www.meritlilin.com

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