

# E5R4152AX

5MP Day & Night AF 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 0.05lux @ F1.2(AGC ON) ; B/W 0 lux @ IR LED ON
Lens / Night Vision (Infrared LED)	
Focal Length	2.8 – 12mm
Iris / Aperture	F1.8 (W) – F3.3 (T)
Iris Control	Fixed
Angle of View (H)	101 – 32°
Angle of View (V)	71 – 23°
Angle of View (D)	138 – 38°
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	--
PC Requirements	
CPU	Intel Core i7
OS	Windows 7, Windows 8, Windows 10
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
Microphone	--
Audio	Two-way Audio, G.711 u-law / PCM
Alarm Input / Output	--
Live Video Output	--
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	2
Video Bitrate	128Kbps - 8192Kbps, Frame rate and bit rate controllable on-the-fly, VBR / CBR / GOP supported, H.264/H.265

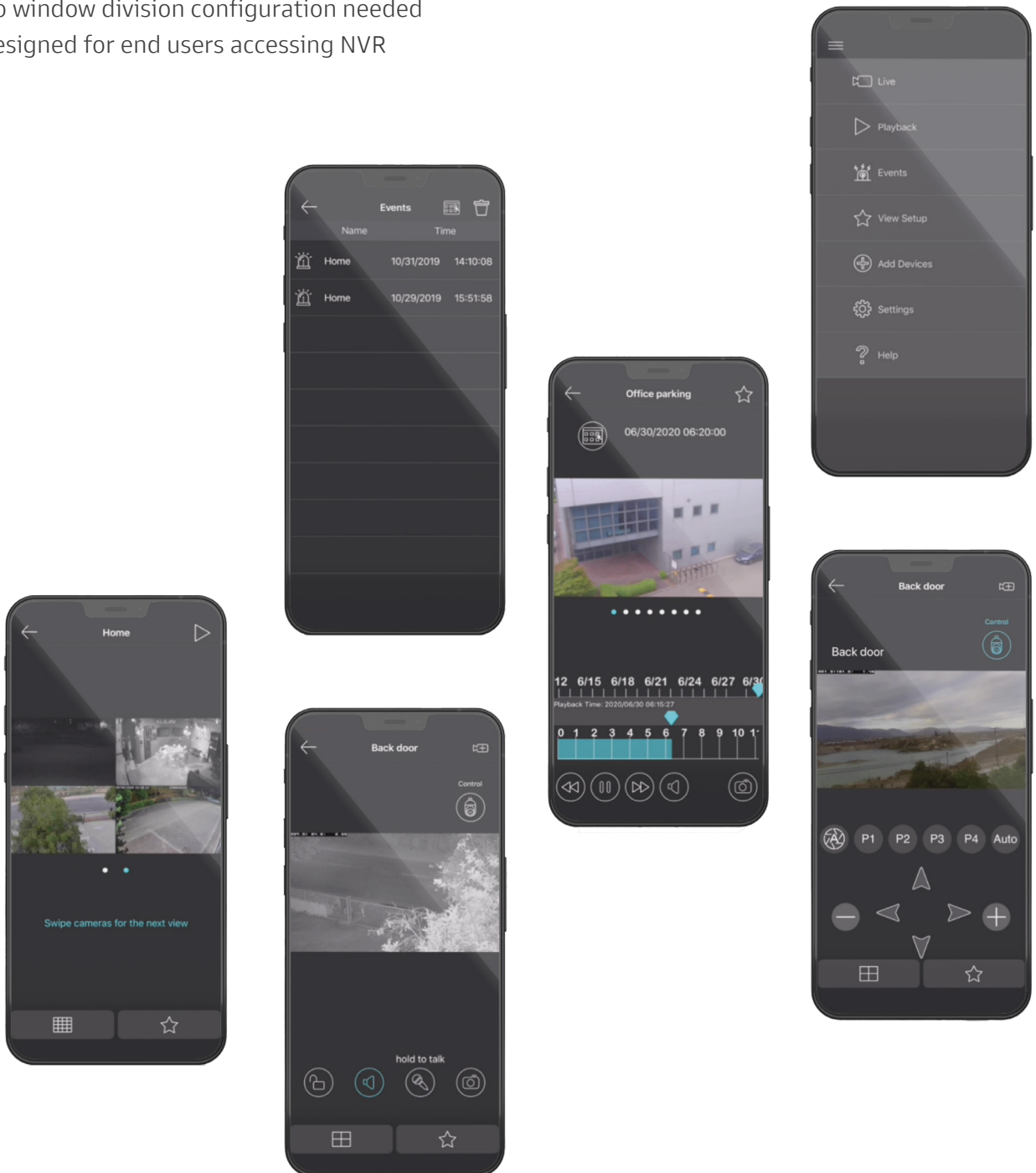
Network Security	
Encryption	Base64 HTTP encryption, Digest HTTP authentication, RTSP Authentication
Authentication	See Above
Address Filter	--
Access	Multiple user access levels with password protection
User accounts	7 user accounts available
Multi IP Address	--
Video Resolutions (H x V)	
Resolution	2592x1920, 2304x1728, 2304x1280, 1920x1080, 1280x960, 1280x720
Maximum Frame Rate	2592x1920 / 20 fps
Video Functions	
Scanning System	Progressive Scan
Infrared Cut Filter	Auto / Schedule / Day (Color) / Night (Mono)
White Balance	Auto / Manual (Adjustable)
Back Light Compensation	--
Electrical Shutter	1/30(1/25)s – 1/20000s
Sense Up	--
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
High Dynamic Range	--
Privacy Masking	Off / On (4 zones) color mask configurable
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Rotation
Auto Focus	--
Smart IR	--
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)
SD Card Compatible List	--
Maintenance	Firmware update via HTTP and IP Scan Firmware available at web site
IVS Basic 1.0	--
Event Triggers	Motion / Network break
Event actions	FTP / SMTP / SD card
Languages	English, Traditional Chinese, Simplified Chinese

Network	
Ethernet	10Base-T / 100Base-TX, RJ-45
ePTZ & Digital Zoom	--
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
Max number of online users	7 simultaneous users
Video Display	ActiveX
Log	System / Config / User / Network
Schedule	--
Network Storage	--
Power and Environment	
Starting Temperature	-30°C – +60°C (-22°F – 140°F)
Operating Temperature	-30°C – +50°C (-22°F – 122°F)
Storage Temperature	-30°C – +60°C (-22°F – 140°F)
Humidity	0% ~ 95% RH
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)
Power Consumption	DC12V, 7W / PoE, 9W
Mechanical	
Dimension	Ø135.56x 127.04(H) mm
Weight	700g
Casing Material	Aluminum alloy
Window	--

## 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.

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