

# EVR-3116E

16 Channel H.264 / H.265 network camera Input



## Features

- Taiwan chipset
- NDAA Compliant
- 16 Channel H.264/H.265 network camera Input
- Up to 4K H.264/H.265 network camera support
- 16 Port PoE, automatic network camera plug and play
- Internal HDD up to 12TB supported
- P2P QR code UID connection for APP and Navigator
- Network maximum input through up to 96Mbps

IP video input	
Supports	Network camera / ONVIF Profile S / DVR / NVR / Video encoder / Navigator
Input	16 CH
Resolution	4K / 5M / 4M / 3M / 1080P / 1.3M / 1M / 960H / D1 / VGA / CIF
Maximum Frame Rate	480 FPS
Video output	
Output	HDMI 1.4 (4K 30P) / VGA 1080P
Spot Monitor	HDMI & VGA sync output
Split Screen	1 / 4 / 6 / 8 / 9 / 12 / 13 / 16 split division, sequence mode, freeze
Digital Zoom	Up to 64x on live and playback
Recording	
Encode Format	H.264 / H.265
Maximum Network Throughput	96Mbps
Resolution	CIF ~ 4K
Frame Rate	Single channel up to 1080P 60 FPS record
Recording Mode	Manual, schedule (continue, event, none)
Recording Schedule	Each channel 7day × 24 hours time table, recording mode configurable
Alarm Event Actions	Motion grid (20×12, multi-level sensitivities) / network camera event
Metadata options	POS,RFID AND PIN CONTROLLER USER DEFINED 2 BARCODE SCANNER,GPS LPR (Denial, Allowed, Visitor)
Alarm Notification	Alarm notification iOS \ android / E-Mail / FTP / buzzer
Playback	
Search	Alarm event / Operation event / System event / Meta data event / Time search
Display	16CH synchronous playback
Resolution	CIF ~ 4K
Max. Frame Rate	Up to 1080P 60FPS
Speed	Fast rewind 2x ~ 64x / Fast forward 2x ~ 64x / Slow motion 1/2 ~ 1/16
Storage	
Internal HDD / Swap Drive Bay	1 × 3.5" HDD (Up to 12TB supported)
Backup	
USB Flash Disk	Up to 128 GB supported
Network Backup	Via HTTP / FTP / Network Places
DVD DVD/RW	External USB DVD / RW
Audio	
Audio Input	16 CH (Network camera), G.711 u-law 8K & AAC
Audio Output	RCA × 1 (0.7Vp-p, 300 Hz to 3KHz)
Network Camera Two Way Audio	Yes

Network	
Ports	RJ-45 Gigabit Ethernet × 1, RJ-45 100Mbps PoE ×16 (802.3af)
Protocols	ARP \ TCP/IP \ UDP \ HTTP \ HTTPS \ SMTP \ SNMP \ FTP \ DDNS \ PPPoE \ NTP \ RTP \ RTSP \ DHCP \ ONVIF Profile S
Web	Direct internet browser access / Multiple users access
Mobile Phone	iOS / Android supported
P2P	APP scan QR Code / UID connection
RTSP Service	RTP UDP/ RTSP TCP supported
IPScan / WS-Discovery	Network camera plug and play via PoE port, otherwise WS-Discovery and IP Scan, automatically quick IP address setup for network cameras also available
Web access	Live / playback / backup / menu configuration / event log
Software	
VMS	Navigator
Backup / Playback	Remote Playback Manager / Backupman, multiple NVRs file download and multi-channel playback
System	
Reports	Alarm event, operation, configuration and system execution log full reports exporting over HTTP or USB
Authentication	User authentication with feature configurable and IP address blocking
Language	Arabic, Traditional Chinese, Simplified Chinese, English, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Turkish
HDD Inspection	S.M.A.R.T monitoring / File system de-fragmentation/ IO read write error
Recording Day	Automatic recording day calculator
Time	Daylight saving / NTP / External USB GPS time sync / Keyboard
Accessories	
PTZ Protocols	HTTP \ ONVIF
USB to RS-232	Record external metadata via USB to RS-232 cable, display at live and playback
Remote Control	Remote controller addressable up to 255 NVRs (Optional)
Mouse	Mouse click, drag and scroll
Microphone	USB Mic (Optional)
USB GPS Receiver	Support
Others	
CPU	ARM Cortex A9 Dual Core
OS	Embedded Linux Kernel 4.9
WDT	Hardware watchdog timer
CE	Yes, EMI Class A
FCC	Yes, EMI Class A

Power and working environment	
Power supply	DC 48V 3.75A 180W (Max) for HDDs and cameras
NVR Consumption (without HDD)	≤ 8W
Operating Temperature	0° C ~ 40° C (32° F ~ 104° F)
Operating Humidity	5% ~ 80%
Dimension (W×L×H)	360 × 302 × 54 mm
Weight	≈1.5 KG (Without hard drive)

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

## 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

TAIPEI | HONGKONG | MALAYSIA | AUSTRALIA | UNITED STATES | UNITED KINGDOM



Know More



Contact Us