

NVR5104E 4 CH PoE 4K Standalone Network Video Recorder

www.meritlilin.com



HDMI



8TB HDD



USB 3.0



H.264



FCC Certified



CE Certified

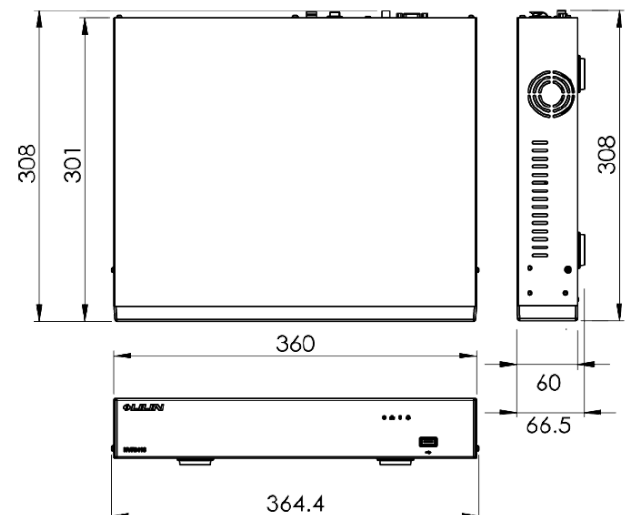
- ▶ 4 Channel H.264 network camera Input
- ▶ Up to 4K H.264 network camera support
- ▶ Up to 1080P 60 FPS network camera support
- ▶ Up to 8TB HDD supported
- ▶ HDMI 1.4 (4K 30P) / VGA 1080P output
- ▶ P2P QR code UID connection for APP and Navigator
- ▶ (Mobile phone (iOS, Android) solutions provided)
- ▶ 4 Port PoE, automatic network camera plug and play
- ▶ Network input throughput up to 32Mbps
- ▶ Chrome, Edge, Firefox, IE, Opera, Safari supported

Introduction

The NVR5104E standalone NVR is the next generation of LILIN professional PoE NVR series. No IP addresses' configuration for cameras is needed. The NVR5104E is built-in PoE for powering PoE cameras. The NVR5104E supports up to 4 channels Ultra HD (4K) camera recording that the Ultra High Definition, 4K or 8 Megapixels video is four times clearer than traditional 1080p. Along with its low power consumption and all-in-one sleek design, the NVR5104E provides users a simple, affordable yet professional solution for megapixel surveillance in the mainstream markets such as SMBs, retail, hospitality, and intelligent buildings.

Dimensions

360 × 316 × 60 mm



4 CH PoE 4K Standalone Network Video Recorder

IP video input

Model	NVR5104E
Supports	Network camera / ONVIF Profile S / DVR / NVR / Video encoder / Navigator
Input	4 CH
Resolution	4K / 5M / 4M / 3M / 1080P / 1.3M / 1M / 960H / D1 / VGA / CIF
Maximum Frame Rate	120 FPS

Video output

Output	HDMI 1.4 (4K 30P) / VGA 1080P
Split Screen	1 / 4 split division, sequence mode, freeze
Digital Zoom	Up to 64x on live and playback

Recording

Encode Format	H.264
Maximum Network Throughput	32Mbps
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 / DI
Alarm Notification	Alarm notification iOS · android / E-Mail / FTP / buzzer / DO

Playback

Search	Alarm event / Operation event / System event / Meta data event / Time search
Display	4CH synchronous playback
Resolution	CIF – 4K
Max. Frame Rate	Up to 1080P 60FPS
Speed	Fast rewind 2x – 64x / Fast forward 2x – 64x / Step Forward / Slow motion 1/2 – 1/16

Storage

Internal HDD / Swap Drive Bay	1 × 3.5"HDD (Up to 8TB supported)
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Backup

USB Flash Disk	Up to 32 GB supported
Network Backup	Via HTTP / FTP / Network Places
DVD DVD/RW	External USB DVD / RW

Audio

Audio Input	4 CH (network camera), G.711 8K
Audio Output	RCA × 1
Network Camera Two Way Audio	Yes

Network

Ports	RJ-45 Gigabit Ethernet × 1, RJ-45 100Mbps PoE × 4 (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

Software

VMS	Navigator
Backup / Playback	Remote Playback Manager / Backupman, multiple NVRs file download and multi-channel playback

Alarm

Alarm/event (Ports)	DI × 4 and DO × 1 (With programmable condition)
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System

Reports	Alarm event, operation, configuration and system execution log full re 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
Keyboard	PIH-931D keyboard input (Connector box required)
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
WiFi / 4G Dongle	WiFi and 4G external USB dongle supported (Certified brand only)
USB GPS Receiver	Support

Others

CPU	ARM Cortex A7 Dual Core
OS	Embedded Linux Kernel 3.18
WDT	Hardware watchdog timer
CE	Yes, EMI Class B
FCC	Yes, EMI Class B

Power and working environment

Power	DC 48V 1.35A 65W (Max) for HDDs and cameras, Maximum output power per PoE port is 11W
Operating Temperature	0°C – 45°C
Operating Humidity	5% – 80%
Dimension (W×L×H)	360 × 316 × 60 mm
Weight	≈2.5 KG (Without hard drive)