



32 CH 1U 16 PoE 4K NVR



Features

- 32 Channel H.264/H.265 network camera Input
- Up to 4K H.264/H.265 network camera support
- Up to 1080P 120 FPS network camera support
- Internal HDD up to 8TB supported
- HDMI 2.0 4K 60P / VGA 1080P output
- P2P QR code UID connection for APP and Navigator
- HDMI / VGA main or spot monitor switch
- Network maximum input through up to 240Mbps
- Mobile phone (iOS, Android) solutions provided
- 16 Port PoE, automatic network camera plug and play
- Chrome, Edge, Firefox, IE, Opera, Safari supported

Description

The NVR5416E standalone NVR is the next generation of LILIN professional PoE NVR series. No IP addresses' configuration for cameras is needed. The NVR5416E is built-in PoE for powering 16 PoE cameras. The NVR5416E supports up to 32 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 NVR5416E provides users a simple, affordable yet professional solution for megapixel surveillance in the mainstream markets such as SMBs, retail, hospitality, and intelligent buildings.

Specifications

Model	NVR5416E
Supports (Video Input)/Network video /IP video	Network camera / ONVIF Profile S / DVR / NVR / Video encoder / Navigator
Input(IP video input)	32 CH
Resolution(IP video input)	CIF / VGA / D1 / 960H / 1M / 1.3M / 1080P / 3M / 5M / 4K
Maximum Frame Rate (IP video input)	960 FPS
Output (Video output)	HDMI 2.0 (4K 60P) / VGA 1080P
Spot monitor (Video Display)	HDMI or VGA selectable (Spot or sync.)
Split Screen	1 / 4 / 8 / 9 / 13 / 16 / 25 / 32 split division, sequence mode, freeze
Digital zoom	Up to 64× on live and playback
Network video Format	H.264/H.265
Maximum Network Throughput	240Mbps
Recording Resolution	CIF ~ 4K
Frame Rate	Single channel up to 1080P 120 FPS
Application/ 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

Metadata options	POS RFID AND PIN CONTROLLER USER DEFINED 2 BARCODE SCANNER GPS LPR (Denial, Allowed, Visitor)
Alarm Notification (Recording)	Alarm notification iOS / android / E-Mail / FTP / buzzer / DO
Playback Search	Alarm event / Operation event / System event / Meta data event / Time search
Playback Display	32CH synchronous playback
Playback Resolution	CIF ~ 4K
Max. frame rate (Playback)	Up to 1080P 120FPS
Playback Speed	Fast rewind 2× ~ 64× / Fast forward 2× ~ 64× / Slow motion 1/2 ~ 1/16
Internal HDD / Swap Drive Bay	4 × 3.5" HDD (Up to 8TB supported)
USB Flash Disk(Backup)	Up to 32 GB supported
Network Backup	Via HTTP / FTP / Network Places
DVD DVD/RW(Backup)	External USB DVD / RW
Audio Input	32 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 / IP camera 2-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 (Network)	Direct internet browser access / Multiple users access
Mobile phone	iOS / Android supported
P2P(Network)	APP scan QR Code / UID connection

RTSP service	RTP UDP/ RTSP TCP supported
IPScan / WS-Discovery(Network)	Network camera plug and play via PoE port, otherwise WS-Discovery and IP Scan, automatically quick IP address setup for network cameras also available
Network	Live / playback / backup / menu configuration / event log
VMS support	Navigator
Backup / Playback (Software)	Remote Playback Manager / Backupman, multiple NVRs file download and multi-channel playback
Ports(Alarm)	DI × 16 and DO × 1 (With programmable condition)
Reports(System)	Alarm event, operation, configuration and system execution log full reports exporting over HTTP or USB
Authentication (System)	User authentication with feature configurable and IP address blocking
Languages	Arabic, Chinese (Traditional) , Chinese (Simplified) , English, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Turkish
HDD Inspection(System)	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
PTZ protocol	HTTP / ONVIF
Keyboard Keypad	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 Controller	Remote controller addressable up to 255 NVRs (optional)
Mouse	Mouse click, drag and scroll
Microphone	USB Mic optional

Wi-Fi Dongle	WiFi and 4G external USB dongle supported (Certified brand only)
USB GPS Receiver	Support
CE	Yes, EMI Class B
FCC	Yes, EMI Class B
CPU	ARM Cortex A7 Dual Core
OS	Embedded Linux Kernel 3.10
WDT	Hardware watchdog timer
Power Supply	AC 100 ~ 240V 3.5A ~ 1.7A 60 ~ 50HZ 280W (Max) for HDDs and cameras
Operating temperature	0°C ~ 45°C
Operating humidity	5% ~ 80%
Dimensions	435 × 420 × 44 mm
Weight	≈5.5 KG (Without hard drive)