4 CH PoE 4K Standalone Network Video Recorder

Features

- Taiwan chipset
- NDAA Compliant
- 4 Channel H.264/H.265 network camera Input
- Up to 4K H.264/H.265 network camera support
- 4 Port PoE, automatic network camera plug and play
- HDMI 1.4 (4K 30P) / VGA 1080P output
- P2P QR code UID connection for APP and Navigator
- Network maximum input through up to 32Mbps

Description

  The NVR6104E standalone NVR is the next generation of LILIN professional PoE NVR series. No IP addresses' configuration for cameras is needed. The NVR6104E is built-in PoE for powering PoE cameras. The NVR6104E 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 NVR6104E 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	NVR6104E
Supports (IP Video input)	Network camera / ONVIF Profile S / DVR / NVR / Video encoder / Navigator
Input(IP video input)	4 CH
Resolution(IP video input)	4K / 5M / 4M / 3M / 1080P / 1.3M / 1M / 960H / D1 / VGA / CIF
Maximum Frame Rate (IP video input)	120 FPS
Output (Video output)	HDMI 1.4 (4K 30P) / VGA 1080P
Spot monitor (Video Display)	HDMI & VGA sync output
Split Screen	1 / 4 split division, sequence mode, freeze, alarm display
Digital zoom	Up to 64× on live and playback
Video Compression	H.264 / H.265
Maximum Network Throughput	32Mbps
Recording Resolution	CIF ~ 4K
Frame Rate	Single channel up to 1080P 60 FPS record
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	4CH synchronous playback
Playback Resolution	CIF ~ 4K
Max. frame rate (Playback)	Up to 1080P 60FPS
Playback Speed	Fast rewind 2× ~ 64× / Fast forward 2× ~ 64× / Slow motion 1/2 ~ 1/16
Internal HDD / Swap Drive Bay	1 × 3.5" HDD (Up to 16TB supported), Compatibility List https://www.meritlilin.com/compatiblelist/nvr1dvr3en.html
USB Flash Disk(Backup)	Up to 128 GB supported
Network Backup	Via HTTP / FTP / Network Places
DVD DVD/RW(Backup)	External USB DVD / RW
Audio Input	4 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 × 4 (802.3af)
Protocols	ARP□TCP/IP□UDP□HTTP□HTTPS□SMTP□SNMP□FTP□DNS□PPPoE□NTP□RTP□ RTSP□DHCP□ONVIF Profile S
Web (Network)	Direct internet browser access / Multiple users access
Mobile Application	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	Navigator
Backup / Playback (Software)	Remote Playback Manager / Backupman, multiple NVRs file download and multi-channel playback
Digital watermark (Video tamper resistance)	support digital watermark feature to ensure the backup footage is not got forged and modified
Ports	DI × 4 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, Traditional Chinese, Simplified Chinese, 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	Support 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
RS-485	One set for keyboard controller
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
CPU	ARM Cortex A9 Dual Core
OS	Embedded Linux Kernel 4.9
WDT	Hardware watchdog timer
CE	Yes, EMI Class B
FCC	Yes, EMI Class B
Power Supply	DC 48V 1.35A 65W (Max) for HDDs and cameras
NVR Consumption (without HDD)	≤ 8W
Operating temperature	0°C ~ 45°C
Operating humidity	5% ~ 80%
Dimension (W×L×H)	360 × 316 × 60 mm
Weight	≈2.4 KG (Without hard drive)