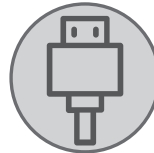


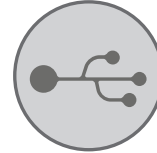
## 4 CH PoE 4K Standalone Network Video Recorder

# NVR5104E

www.meritlilin.com



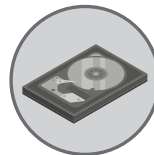
HDMI



USB 3.0



H264



16TB HDD



FCC Certified



CE Certified

- ▶ 4 Channel H.264/H.265 network camera Input
- ▶ Up to 4K H.264/H.265 network camera support
- ▶ Up to 1080P 60 FPS network camera support
- ▶ HDMI 1.4 4K 30P / VGA 1080P output
- ▶ P2P QR code UID connection for APP and Navigator Network maximum input through up to 32Mbps
- ▶ Mobile phone ( iOS, Android ) solutions provided
- ▶ 4 Port PoE, automatic network camera plug and play
- ▶ 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.

IP video input	
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, alarm display
Digital Zoom	Up to 64x on live and playback
Recording	
Encode Format	H.264 / H.265
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 POS
Metadata options	RFID AND PIN CONTROLLER USER DEFINED 2 BARCODE SCANNER GPS LPR (Denial, Allowed, Visitor)
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 2× ~ 64× / Fast forward 2× ~ 64× / Slow motion 1/2 ~ 1/16
Storage	
Internal HDD / Swap Drive Bay	1 × 3.5" HDD (Up to 16TB supported), Compatibility List <a href="https://www.meritlilin.com/compatiblelist/nvr1dvr3en.html">https://www.meritlilin.com/compatiblelist/nvr1dvr3en.html</a>
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	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	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 / WSDiscovery	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
Alarm	
Alarm/event (Ports)	DI × 4 and DO × 1 ( With programmable condition )
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 Arabic, Traditional Chinese, Simplified Chinese, English, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Turkish
Language	S.M.A.R.T monitoring / File system defragmentation/ IO read write error
HDD Inspection	Automatic recording day calculator
Recording Day	Daylight saving / NTP / External USB GPS time sync / Keyboard
Time	
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 3.18.20
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 )