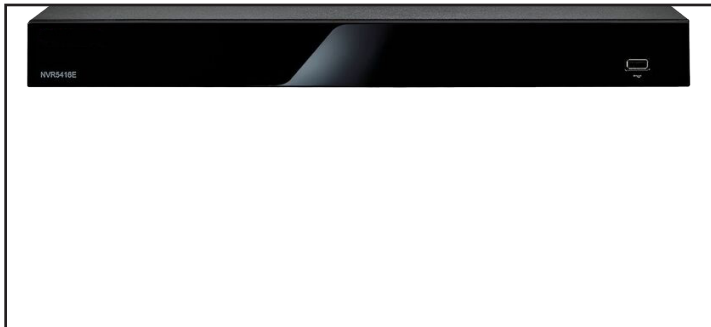


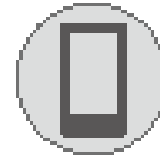
32 CH PoE 4K 1U 19" Rackmount Standalone Network Video Recorder

NVR5416E

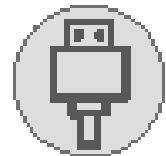
www.meritlilin.com



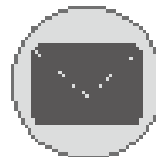
Linux Embedded



Mobile View



HDMI



Even Respond



H264



4K UHD

- ▶ 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
- ▶ 16 Port Poe, automatic network camera plug and
- ▶ HDMI 2.0 4K 60P / VGA 1080P output
- ▶ HDMI / VGA main or spot monitor switch
- ▶ Mobile phone iOS, Android solutions provided
- ▶ P2P QR code UID connection for APP and Navigator
- ▶ Network input through up to 240Mbps
- ▶ Chrome, Edge, Firefox, IE, Opera, Safari supported

Introduction

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.

Dimensions

| IP video input | |
|-------------------------------|---|
| Supports | Network camera / ONVIF Profile S / DVR / NVR / Video encoder / Navigator |
| Input | 32 CH |
| Resolution | CIF / VGA / D1 / 960H / 1M / 1.3M / 1080P / 3M / 5M / 4K |
| Maximum Frame Rate | 960 FPS |
| Video Output | |
| Output | HDMI 2.0 (4K 60P) / VGA 1080P |
| Spot monitor | 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 64x on live and playback |
| Recording | |
| Encode Format | H.264/H.265 |
| Maximum Network Throughput | 240Mbps |
| Resolution | CIF – 4K |
| Frame Rate | Single channel up to 1080P 120 FPS |
| 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 | 32CH synchronous playback |
| Resolution | CIF – 4K |
| Max. Frame Rate | Up to 1080P 60FPS |
| Speed | Fast rewind 2× ~ 64× / Fast forward 2× ~ 64× / Step Forward / Slow motion 1/2 ~ 1/16 |
| Storage | |
| Internal HDD / Swap Drive Bay | 4 × 3.5" HDD (Up to 16TB supported), Compatibility List https://www.meritlin.com/compatiblelist/nvr1dvr3en.html |
| 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 | 32 CH (Network camera), G.711 u-law 8K & AAC |
| Audio Output | RCA × 1 |
| 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 / 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 |
|---|---|
| Software | |
| VMS | Navigator |
| Backup / Playback | 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 |
| Alarm | |
| Ports | DI × 16 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 |
| 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) |
| Accessories | |
| CE | Yes |
| FCC | Yes, EMI Class B |
| Others | |
| CPU | ARM Cortex A7 Dual Core |
| OS | Embedded Linux Kernel 3.10 |
| WDT | Hardware watchdog timer |
| Power and working environment | |
| Power | AC 100–240V 3.5A – 1.7A 60–50HZ 222.6W (Max) for HDDs and cameras |
| Operating Temperature | 0° C ~ 45° C |
| Operating Humidity | 5% ~ 80% |
| Dimension (W×L×H) | 435(W) × 420(L) × 44(H) mm |
| Weight | ≈5.5 KG (Without hard drive) |
| Warranty | |
| Warranty | 3 Year(s) |