



NVR 1400 Stand Alone RAID Storage System Network Video Recorder



Features

- 16 Channel network camera Input
- Up to 1080P 60 FPS network camera support
- Network redundancy supported
- Internal HDD up to 24TB supported
- RAID 0 / 1 / 5 supported
- External e-SATA storage supported, up to 32TB
- HDMI and VGA output up to 1920×1080P
- Multi-touch screen support
- Mobile phone (iOS, Android) solutions provided

Description

LILIN NVR1400 is a 16-Channel IP standalone Network Video Recorder offering 16TB external storage for recording. Touch screen, mouse, LILIN twist zoom keyboard or IR remote control, easy to navigate menus are provided. Motion detection, weighted and scheduled recording. Audio recording and playback, WS discovery for easy network discovery. NVR1400 supports USB, network backup, and HDMI output. Full NAV support, web-based remote viewing & iPhone and Android support. The NVR1400 is unique, touch-screen interface takes advantage of highly intuitive smartphone-style features like "pinch-n-zoom," multi-touch and scrolling, and icon based menus, deliberately avoiding traditional PC-style screens.

Specifications

| Model | NVR1400 (non-Hisilicon) |
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| Supports (Video Input)/Network video /IP video | LILIN IP camera, DVR, NVR, video encoder, Navigator 2.0 / ONVIF Profile S |
| Input(IP video input) | 16-channel |
| Resolution(IP video input) | CIF / VGA / D1 / 960H / 1M / 1.3M / 1080P / 3M |
| Maximum Frame Rate (IP video input) | 400FPS |
| Output (Video output) | 1080P |
| HDMI output | 1080P |
| Split Screen | 1 / 4 / 8 / 9 / 13 / 16, sequence mode, freeze |
| Digital zoom | Up to 64X on live and playback |
| Multi-touch | Support USB multi-touch Screen |
| Backlight saving | Adjustable idle time 30~60 sec. |
| Network video Format | H.264 |
| Maximum Network Throughput | 48Mbps |
| Recording Resolution | CIF~3M |
| Frame Rates | Single channel up to 1080P 60 FPS |
| Application/ Recording Mode | Manual, schedule(continue, event, none) |
| Recording schedule | Each channel 7 days x 24 hours time table, recording mode configurable |
| Alarm event actions | DI x 2 and DO x 2 (NO / NC) □ Motion grid (20×12, multi-level sensitivities) / network camera event / DI |
| 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 | 16CH synchronous playback |
| Playback Split screen display | 400FPS |

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| Playback Resolution | CIF ~ 3M |
| Max. frame rate (Playback) | Up to 1080P 60FPS |
| Playback Speed | Fast rewind 2x~64x / Fast forward 2x~64x / Step Forward |
| Internal HDD / Swap Drive Bay | 4 × 3.5" HDD (Up to 6TB supported) |
| RAID | " RAID 1 : 2 HDDs installed, HDD 1st. and 2nd be a RAID, and another 1HDD for spare is available(3HDDs) RAID 5 : 4 HDDs installed, support 1 HDD to be spare(3 HDDs RAID5 , 1 HDD spare), or 4 HDDs RAID5" |
| eSATA | eSATA connector × 1, up to 16TB external storage supported |
| USB Flash Disk(Backup) | Up to 32 GB supported |
| Network Backup | Via HTTP / FTP / Network Places |
| Back up | USB flash disk : Up to 32 GB ; Network : Via HTTP / FTP ; DVD/RW : External USB DVD/RW |
| Line Input | 16 CH (IP camera), G.711 8K |
| Network ports | RJ-45 X 2 (Gigabit Ethernet X 1, 100Mbps X 1), ethernet failure redundancy supported |
| Protocols | ARP / TCP/IP / UDP / HTTP / SMTP / FTP / DDNS / PPPoE / NTP / RTP / RTSP / DHCP/ Onvif Profile S |
| Web (Network) | Direct internet browser access / Multiple users access |
| Mobile phone | iOS and Android supported |
| IP Scan | WS-Discovery and IP Scan, Automatically quick IP address setup for network cameras |
| VMS support | Navigator |
| Backup / Playback (Software) | Remote Playback Manager / Backupman, multiple NVRs file download and multi-channel playback |
| Ports(Alarm) | DI x 2 and DO x 2 (NO / NC) |
| Reports(System) | Alarm event, operation and configuration full reports exporting over HTTP or USB |
| Authentication | User authentication with feature configurable |

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| Languages | English, Traditional Chinese, German, Italian, Portuguese, Spanish, French, Turkish, Hungarian, Polish, Russian, Arabic, Simplified Chinese |
| HDD Inspection(System) | S.M.A.R.T. monitoring / File system de-fragmentation |
| Recording day | Automatic recording day calculator |
| Time | Daylight saving / NTP / External USB GPS time sync / Keyboard |
| PTZ protocol | HTTP / ONVIF |
| 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 |
| Mouse | Mouse click, drag, and scroll |
| Audio Output | RCA × 1 (0.7Vp-p, 300 Hz to 3KHz) |
| Keyboard Keypad | PIH-931D keyboard input (optional) |
| CPU | ARM Cortex A9 800 MHZ |
| OS | Embedded Linux Kernel 2.6 |
| WDT | Hardware watchdog timer |
| Power Supply | Redundant power supply input: Adapter DC 12V, 10A, 120W × 2 (optional) |
| Operating temperature | Temp : 0°C~45°C |
| Operating humidity | Humidity : 5%~80% |
| Dimensions | 438mm x 450mm x 88mm, standard 2U rack mountable (brackets included) |
| Weight | 4kg (without HDD) |