16CH 5MP 19"1U Rackmount Standalone Network Video Recorder

Features

- 16 Channel H.264 network camera Input
- Up to 5 MP H.264 network camera support
- Up to 1080p 60 FPS network camera support
- Ethernet failure redundancy or sharing supported
- Up to 8TB HDD supported
- External e-SATA storage supported
- HDMI / VGA 1080P output
- HDMI / VGA main or spot monitor switch
- Mobile phone (iOS, Android) solutions provided
- Network maximum input through up to 96Mbps
- 19"1U Rackmount
- Chrome, Edge, Firefox, IE, Opera, Safari supported

Description

NVR3416R is a LILIN's 16CH NVR, suitable for different environment. With ARM Cortex A9 dual-core processor, the network output is up to 144 Mbps (upward output is up to 96Mbps and download output is

48Mbps). Through LILIN's IPScan and WS-Discovery software, users will be able to constantly connect NVR3416R with the IP camera, simplifying its usage. It also features with VGA and HDMI Output□Full HD, 1,920 x 1,080□, and packed with a mouse and a keyboard. It is definitely the first and best choice for middle-sized enterprise when choosing NVR product.

Specifications

Model	NVR3416R
Input(IP video input)	16 CH
Resolution(IP video input)	CIF / VGA / D1 / 960H / 1M / 1.3M / 1080P / 3M / 5M
Maximum Frame Rate (IP video input)	480 FPS
Split Screen	1 / 4 / 8 / 9 / 13 / 16 split division, sequence mode, freeze
Digital zoom	Up to 64× on live and playback
Network video Format	H.264
Maximum Network Throughput	96Mbps
Recording Resolution	CIF - 5MP
Frame Rate	Single channel up to 1080P 60 FPS
Supports (IP Video input)	Network camera / ONVIF Profile S / DVR / NVR / Video encoder / Navigator
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
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	16 CH synchronous playback

Playback Resolution	CIF - 5MP
Max. frame rate (Playback)	Up to 1080P 60FPS
Playback Speed	Fast rewind 2×-64× / Fast forward 2×-64× / Step Forward / Slow motion 1/2 - 1/16
Internal HDD	4 × 3.5" HDD (Up to 8TB supported)
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
DVD DVD/RW(Backup)	External USB DVD/RW
Output (Video output)	HDMI / VGA 1080P
Spot monitor (Video Display)	HDMI or VGA selectable (Spot or sync.)
Audio Input	16 CH (network camera), G.711 8K
Audio Output	RCA × 1
Wi-Fi Dongle	WiFi and 4G external USB dongle supported (Certified brand only)
Network Camera Two Way Audio / IP camera 2-way audio	Yes
Network ports	RJ-45 Gigabit Ethernet × 2 (Ethernet failure redundancy or sharing supported)
Protocols	ARP / TCP/IP / UDP / HTTP / HTTPS / SMTP / SNMP / FTP / DDNS / PPPoE / NTP / RTP / RTSP / DHCP/ SNMP / Onvif Profile S
Web (Network)	Direct Internet Explorer (10 and above) browser access / Multiple users access/ HTML 5(Chrome, Firefox, Opera & Safari for Mac)
Mobile phone	iOS / Android supported
RTSP service	RTP UDP/ RTSP TCP supported
IPScan / WS-Discovery(Network)	WS-Discovery and IP Scan, automatically quick IP address setup for network cameras
P2P(Network)	APP scan QR Code / UID connection

VMS	Navigator
Backup / Playback (Software)	Remote Playback Manager / Backupman, multiple NVRs file download and multi-channel playback
Ports(Alarm)	DI × 2 and DO × 1 (NO/NC)
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
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
Mouse	Mouse click, drag and scroll
Microphone	USB Mic. support (Need additional option)
Keyboard Keypad	PIH-931D keyboard input
CE	Yes, EMI CLASS B
FCC	Yes, EMI CLASS B
CPU	ARM Cortex A9 Dual Core
OS	Embedded Linux Kernel 3.0
WDT	Hardware watchdog timer
Power Supply	Adapter DC 12V, 5A, 60W × 1
Operating temperature	0℃ ~ 45℃ (32°F ~ 113°F)

Operating humidity	5% - 80%
Dimensions	435 × 420 × 44 (footpad included 53) mm
Weight	≈4 kg (Without hard drive)