16 CH 5MP Standalone Network Video Recorder

Features

- 16 Channel H.264 network camera Input
- Up to 5Mega H.264 network camera support
- Up to 1080P 60 FPS network camera support
- Up to 8TB HDD supported
- HDMI / VGA 1080P output
- Mobile phone (iOS, Android) solutions provided
- Network maximum input through up to 96Mbps
- Chrome, Edge, Firefox, IE, Opera, Safari supported

Description

LILIN NVR3216 is a 16-channel NVR (Network Video Recorder) designed for various recording applications. The system is equipped with an ARM Cortex A9 Dual-core processor with maximum recording throughput at 144Mbps (incoming 96Mbps, outgoing 48Mbps). Parameters such as IP address and basic IP camera configurations can easily be adjusted with the LILIN setup wizard – IPScan and WS-Discovery, making the NVR3216 the easiest NVR system to use. With local VGA and HDMI display (with Full HD resolution at 1,920 x 1,080) and mouse and keyboard input available, configuring LILIN NVR is simple – an answer to meet most

SMB owners' security needs.

Specifications

Model	NVR3216
Supports (IP Video input)	Network camera / ONVIF Profile S / DVR / NVR / Video encoder / Navigator
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
Output (Video output)	HDMI / VGA 1080P
Split Screen	1 / 4 / 8 / 9 / 13 / 16 split division, sequence mode, freeze
Digital zoom	Up to 64× on live and playback
CE	Yes
FCC	Yes
Network video Format	H.264
Maximum Network Throughput	96Mbps
Recording Resolution	CIF - 5Mega
Frame Rate	Single channel up to 1080P 60 FPS
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	16CH 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 / Swap Drive Bay	2 × 3.5" HDD (Up to 8TB 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
Audio Input	16 CH (Network camera), G.711 u-law 8K & AAC
Audio Output	RCA × 1
Network Camera Two Way Audio / IP camera 2-way audio	Yes
Network ports	RJ-45 Gigabit Ethernet × 1
Protocols	ARP、TCP/IP、UDP、HTTP、HTTPS、SMTP、SNMP、FTP、DDNS、PPPoE、NTP、RTP、 RTSP、DHCP、Onvif Profile S
Web (Network)	Direct internet browser access / Multiple users access
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 support	Navigator
Backup / Playback (Software)	Remote Playback Manager / Backup, multiple NVRs file download and multi-channel playback
Ports(Alarm)	DI × 4 and DO × 1
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
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
Microphone	USB Mic. support (Need additional option)
Wi-Fi Dongle	WiFi and 4G external USB dongle supported (Certified brand only)
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℃
Operating humidity	5% - 80%
Dimensions	360× 316× 60 mm
Weight	≈2.2 kg (Without hard drive)