

LILIN NVR6208E Standalone Network Video Recorder



LILIN NVR6208E Standalone Network Video Recorder Owner's Manual

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LILIN NVR6208E Standalone Network Video Recorder



Product Information

- **Model:** NVR6208E

- **Input Resolution:** 8 CH 4K / 5M / 4M / 3M / 1080P / 1.3M / 1M / 960H / D1 / VGA / CIF
- **Maximum Frame Rate:** 240 FPS
- **Video Output:** HDMI 1.4 (4K 30P) / VGA 1080P
- **Spot Monitor Output:** HDMI & VGA sync output
- **Split Screen:** 1 / 4 / 8 / 9 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:** 64Mbps
- **Resolution:** Up to 128 GB supported

Ports and Protocols

- **Ports:** USB, DVD/RW, Ethernet
- **Protocols:** ARP, TCP/IP, UDP, HTTP, HTTPS, SMTP, SNMP, FTP, DDNS, PPPoE, NTP, RTP, RTSP, DHCP, ONVIF Profile S

Software Features

- **Web and Mobile Access:** Direct internet browser access, iOS/Android app support
- **Backup Options:** External USB, DVD/RW, Network Backup
- **Additional Features:** Live/playback/backup/menu configuration/event log

Product Usage Instructions

Initial Setup

1. Connect the NVR to power and network using Ethernet cables.
2. Power on the NVR and follow the on-screen instructions to set up the system.
3. Access the NVR settings through a web browser or mobile app for further configuration.

Camera Configuration

1. Connect your IP cameras to the NVR using compatible Ethernet cables.
2. Access the camera settings on the NVR to configure recording preferences and motion detection.
3. Ensure all cameras are positioned correctly for optimal coverage.

Recording and Playback

1. Schedule recording times and modes based on your surveillance needs.
2. To playback recorded footage, navigate to the playback section on the NVR interface.
3. Use the digital zoom feature during playback for detailed viewing of specific areas.

Frequently Asked Questions

Q: How do I access the NVR remotely?

A: You can access the NVR remotely through a web browser or mobile app by entering the appropriate login credentials and IP address.

Q: What languages are supported by the NVR?

A: The NVR supports multiple languages including Arabic, Chinese, English, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Turkish, and more.

Q: Can I use a USB flash disk for backup?

A: Yes, you can use a USB flash disk for backup purposes along with other backup options like external USB and DVD-RW.

Introduction

The NVR6208E standalone NVR is the next generation of the LILIN professional PoE NVR series. No IP address configuration for cameras is needed. The NVR6208E is a built-in PoE for powering PoE cameras. The NVR6208E supports up to 8 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 NVR6208E provides users with a simple, affordable yet professional solution for megapixel surveillance in mainstream markets such as SMBs, retail, hospitality, and intelligent buildings.

Features

- Taiwan chipset
- NDAA Compliant
- 8 Channel H.264/H.265 network camera Input
- Up to 4K H.264/H.265 network camera support
- 8 Port PoE, automatic network camera plug-and-play
- P2P QR code UID connection for APP and Navigator
- Network maximum input through up to 64Mbps
- AES-256 encryption



H265 H264



Taiwan Chipset



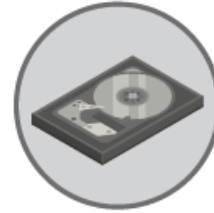
4K UHD



P2P



NDAA Compliant



16TB HDD

Technical Specifications

IP video input				
Supports	Network camera / ONVIF Profile S / DVR / NVR / Video encoder / Navigator	IPScan/WSDiscovey	Network camera plug and play via PoE port, otherwise WS-Discovery and IP Scan, automatically quick IP address setup for network cameras also available	
Input	8 CH			
Resolution	4K / 5M / 4M / 3M / 1080P / 1.3M / 1M / 960H / D1 / VGA / CIF	Web access	Live/playback/backup/menu configuration/event log	
Maximum Frame Rate	240 FPS	Software		
Video Output		VMS	Navigator	
Output	HDMI 1.4 (4K 30P) / VGA 1080P	Backup / Playback	Remote Playback Manager / Backupman, multiple NVRs file download and multi-channel playback	
Spot Monitor	HDMI & VGA sync output			
	1 / 4 / 8 / 9 split division, sequence mode, freeze, alarm display			
Split Screen		Digital watermark (Video tamper resistance)	support the digital watermark feature to ensure the backup footage is not forged and modified	
Digital Zoom	Up to 64x on live and playback	Alarm		
Recording				
Encode Format	H.264 / H.265	Alarm/event (Ports)	DI 8 and DO 1 (With programmable condition)	
Maximum Network Through	64Mbps			

put	
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 24-hour timetable, and the recording mode is configurable
Alarm Event Actions	Motion grid (20 12, multi-level sensitivities) / network camera event / DI
Metadata options	POS
	RFID AND PIN CONTROLLER USER-DEFINED 2
	BARCODE SCANNER GPS LPR (Denial, Allowed, Visitor)
	Alarm notification iOS android / E-Mail / FTP / buzzer / DO
Alarm Notification	
Playback	
Search	Alarm event / Operation event / System
	event / Metadata event / Time search
Display	8CH synchronous playback
Resolution	CIF ~ 4K
Max. Frame Rate	Up to 1080P 60FPS
Speed	Fast rewind 2 ~ 64 / Fast forward 2 ~ 64x / Slow motion 1/2 ~ 1/16


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, Slovakian, Bulgarian, Danish, Czech	
Language		
HDD Inspection	S.M.A.R.T monitoring / File system defragmentation/ 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	
	Support PIH-931D keyboard input (Connector box required)	
Keyboard		
USB to RS-232	Record external metadata via USB to RS-232 cables, display at live and playback	
RS-485	One set for the keyboard controller	
	Remote controller address	

Storage		Remote Control	Support up to 255 NVRs (Optional)	
Internal HDD / Swap Drive Bay	2 3.5" HDD (Up to 16TB supported), Compatibility List https://www.meritlilin.com/compatiblelist/nvr1dvr3en.html	Mouse	Mouse click, drag and scroll	
		Microphone	USB Mic (Optional)	
Backup			WiFi and 4G external USB dongle supported (Certified brand only)	
USB Flash Disk	Up to 128 GB supported	WiFi / 4G Dongle		
Network Backup	Via HTTP / FTP / Network Places	USB GPS Receiver	Support	
DVD DVD/RW	External USB DVD / RW	Others		
Audio		CPU	ARM Cortex A9 Dual Core	
Audio Input	8 CH (Network camera), G.711 u-law 8K & AAC	OS	Embedded Linux Kernel 4.9	
		WDT	Hardware watchdog timer	
Audio Output	RCA 1 (0.7Vp-p, 300 Hz to 3KHz)	CE	Yes, EMI Class B	
Network Camera Two-Way Audio		FCC	Yes, EMI Class B	
	Yes			
Network		Power and working environment		
		Power supply	DC 48V 2A 120W (Max) for HDDs and cameras	
		NVR Consumption (without HDD)	5° C £ 8£ 8W	
Ports	RJ-45 Gigabit Ethernet 1, RJ-45 100Mbps PoE × 8 (802.3af)	Operating Temperature	0° C ~ 45° C	
		Operating Humidity	5% ~ 80%	
Protocols	ARP / TCP/IP / UDP / HTTP / HTTPS / SMTP / SNMP / FTP / DDNS / PPoE / NTP / RTP / RTSP / DHCP/ ONVIF Profile S	Dimension (W×L×H)	360 316 60 mm	
Web	Direct Internet browser access / Multiple user access	Weight	»2.4 KG (Without hard drive)	
		Warranty		
Mobile Phone	iOS / Android supported	Warranty	3 Year(s)	

P2P	APP scan QR Code / UID connection		
RTSP Service	RTP UDP/ RTSP TCP supported		

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Documents / Resources

	LILIN NVR6208E Standalone Network Video Recorder [pdf] Owner's Manual NVR6208E Standalone Network Video Recorder, NVR6208E, Standalone Network Video Recorder, Network Video Recorder, Video Recorder, Recorder
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References

- [User Manual](#)

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