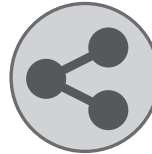# NVR6208E
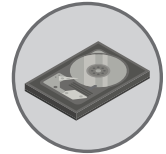
H265 H264

Taiwan Chipest

4K UHD

P2P

NDAA Compliant

16TB HDD

- 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

Introduction

The NVR6208E standalone NVR is the next generation of LILIN professional PoE NVR series. No IP addresses' configuration for cameras is needed. The NVR6208E is 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 a simple, affordable yet professional solution for megapixel surveillance in the mainstream markets such as SMBs, retail, hospitality, and intelligent buildings.

IP video input

Supports	Network camera / ONVIF Profile S / DVR / NVR / Video encoder / Navigator
Input	8 CH
Resolution	4K / 5M / 4M / 3M / 1080P / 1.3M / 1M / 960H / D1 / VGA / CIF
Maximum Frame Rate	240 FPS

Video Output

Output	HDMI 1.4 (4K 30P) / VGA 1080P
Spot Monitor	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	CIF ~ 4K
Frame Rate	Single channel up to 1080P 60 FPS record
Recording Mode	Manual, schedule (continue, event, none)
Recording Schedule	Each channel 7day $\times$ 24 hours time table, recording mode configurable
Alarm Event Actions	Motion grid (20×12, multi-level sensitivies) / network camera event / DI
Metadata options	POS RFID AND PIN CONTROLLER BARCODE SCANNER GPS LPR (Denial, Allowed, Vistor) AI Camera IVS Camera
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	8CH synchronous playback
Resolution	CIF ~ 4K
Max. Frame Rate	Up to 1080P 60FPS
Speed	Fast rewind $2\times$ ~ $64\times$ / Fast forward $2\times$ ~ $64\times$ / Slow motion $1/2$ ~ $1/16$

Storage

Internal HDD / Swap Drive Bay	2 $\times$ 3.5" HDD (Up to 16TB supported), Compatibility List https://www.meritlilin.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	8 CH (Network camera), G.711 u-law 8K & AAC
Audio Output	RCA $\times$ 1 (0.7Vp-p, 300 Hz to 3KHz)
Network Camera Two Way Audio	Yes

Network

Encryption	Base64 HTTP encryption, AES-256 encryption, HTTPS encryption.
Ports	RJ-45 Gigabit Ethernet $\times$ 1, RJ-45 100Mbps PoE $\times$ 8 (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
Web access	Live / playback / backup / menu configuration / event log

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

Alarm/event (Ports)	DI $\times$ 8 and DO $\times$ 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 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
Keyboard	Support 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
RS-485	One set for keyboard controller
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)
USB GPS Receiver	Support

Others

CPU	ARM Cortex A9 Dual Core
OS	Embedded Linux Kernel 4.9
WDT	Hardware watchdog timer
CE	Yes, EMI Class B
FCC	Yes, EMI Class B
UKCA	Yes, EMI Class A

Power and working environment

Power supply	DC 48V 2A 120W (Max) for HDDs and cameras
NVR Consumption (without HDD)	5° C≤ 8≤ 8W
Operating Temperature	0° C ~ 45° C
Operating Humidity	5% ~ 80%
Dimension (W×L×H)	360 $\times$ 316 $\times$ 60 mm
Weight	≈2.4 KG (Without hard drive)

Warranty

Warranty	3 Year(s)

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