

NVR | 4K

NVR5832S

32CH 4K 2U 19" 3.5" Swap Drive Bay Rackmount Standalone Network Video Recorder

www.meritlilin.com



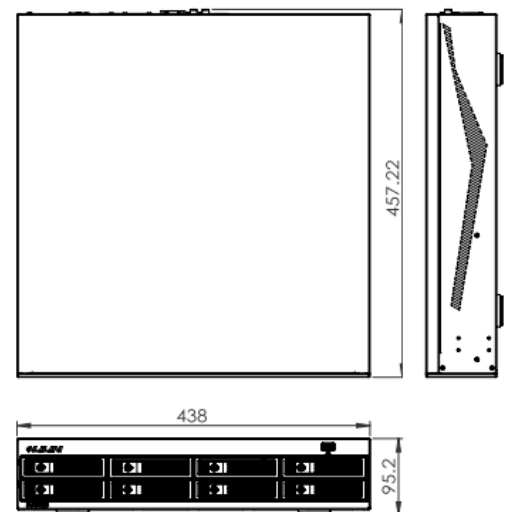
- ▶ 32 Channel H.264/H.265 network camera Input
- ▶ Up to 4K H.264/H.265 network camera support
- ▶ Up to 1080P 120 FPS network camera support
- ▶ Internal HDD up to 12TB supported
- ▶ 3.5" Swap drive bay
- ▶ External e-SATA storage supported
- ▶ HDMI / VGA main or spot monitor switch
- ▶ Mobile phone (iOS, Android) solutions provided
- ▶ Network input through up to 300Mbps (RAID 160Mbps)
- ▶ Software RAID 1/5/6 supported
- ▶ Chrome, Edge, Firefox, IE, Opera, Safari supported
- ▶ 3.5" Swap drive bay

Introduction

NVR5832S standalone NVR is a new generation of professional NVR series from Li Ling. The NVR5832S supports up to 32 Ultra HD 4K IP cameras. Ultra HD (4K or 8 megapixels) is four times clearer than 1080p. Additional pixels allow you to see more details. The NVR5832S supports eight 8TB hard drives and it has two eSATA connectors to expand 32TB. Through LILIN IPScan and WS-Discovery feature software, you can quickly connect the camera to the recorder, making the NVR5832S network video recorder easier to use. NVR5832S is mainly used in the high-end megapixel surveillance market, such as medium and large enterprises and factories, restaurants, retail chains and intelligent buildings.

Dimensions

438 × 457.2 × 95.2 mm



Adapted to ONVIF-compliant IP cameras

NVR5832S is an easy-to-install Linux based standalone HD solution can record ONVIF compatible cameras



Plug-n-play Device

An automated installation wizard, IPScan and WS Discovery, locates all the cameras on the network and imports a preview picture of each channel to help with identification



Instant Notifications

When an event occurs and the alarm recording is enabled, an alarm icon will be shown instantly on the monitoring display unit and front panel OLED display



Remote Monitoring Modes

NVR5832S supports various monitoring modes – to display 1, 4, 8, 9, 13, 16, 25 and 32 channels on a single screen



PTZ (Pan-Tilt-Zoom) Control

You can adjust the PTZ (Pan-Tilt-Zoom) functions of supported cameras directly on the NVR User Interface which greatly enhancing the convenience in remote monitoring



User-friendly NVR Security System

You can effortlessly monitor and manage multiple IP cameras on a real-time basis, and also attain the very first-hand status of desired monitored cameras such as entrances, exits, car park, building gates to safeguard your property



Timeline-based Search

Operators may easily distinguish regular and alarm recording on the intuitive time line playback bar



Intuitive User Interfaces

LILIN NVR5832S supports wireless mouse and joystick keyboard PIH-931D for easy and intuitive user experience



High Performing

NVR5832S security system is high performing, high quality and reliable with features designed for easy operation and installation as well as superb image quality



Email Notification

LILIN NVR can send email notification with snapshot as an attachment in JPEG to one or multiple recipients in case of any event



Easily Identify Events

Search can be done from the available recorded videos on the basis of channel number, recording type and timeline of the event



Motion Detection

Detect motion and capture the event. Motion in the selected area will provoke an alert.



32CH 4K 2U 19" 3.5" Swap Drive Bay Rackmount Standalone Network Video Recorder	
IP Video Input	
Model	NVR5832S
Supports	Network camera / ONVIF Profile S / DVR / NVR / Video encoder / Navigator
Input	32 CH
Resolution	4K / 5M / 4M / 3M / 1080P / 1.3M / 1M / 960H / D1 / VGA / CIF
Maximum frame rate	960 FPS
Video output	
Output	HDMI 2.0 (4K 60P) / VGA 1080P
Spot monitor	HDMI or VGA selectable (Spot or sync.)
Split Screen	1 / 4 / 8 / 9 / 13 / 16 / 25 / 32 split division, sequence mode, freeze
Digital Zoom	Up to 64× on live and playback
Certifications	
CE	Yes
FCC	Yes, EMI Class B
Recording	
Network video Format	H.264/H.265
Maximum Network Throughput	300Mbps (RAID 160Mbps)
Recording Resolution	CIF ~ 4K
Frame Rate	Single channel up to 1080P 120 FPS
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
Metadata options	POS RFID AND PIN CONTROLLER USER DEFINED 2 BARCODE SCANNER GPS LPR (Denial, Allowed, Visitor)
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	32CH synchronous playback
Resolution	CIF ~ 4K
Max. frame rate	Up to 1080P 120 FPS
Speed	Fast rewind 2× ~ 64× / Fast forward 2× ~ 64× / Slow motion 1/2 ~ 1/16
Storage	
Internal HDD	8 × 3.5" HDD (Up to 12TB supported), Compatibility List https://www.meritililn.com/compatiblelist/nvr1dvr3en.html
eSATA	eSATA connector × 2 (Up to 32TB external storage supported, each 16TB)
RAID	Software RAID 1/5/6 supported
Back up	
USB Flash Disk	Up to 128 GB supported
Network Backup	Via HTTP / FTP / Network Places
DVD/RW	External USB DVD/ RW
Audio	
Audio input	32 CH (Network camera), G.711 u-law 8K & AAC
Line Input	RCA × 1
Audio Output	RCA × 1 (0.7Vp-p, 300 Hz to 3KHz)
Network Camera Two 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	Direct internet browser access / Multiple users access
P2P	APP scan QR Code / UID connection
Mobile Phone	iOS / Android supported
RTSP Service	RTP UDP/ RTSP TCP supported
IPScan / WS-Discovery	WS-Discovery and IP Scan, automatically quick IP address setup for network cameras
Web access	Live / playback / backup / menu configuration / event log
Software	
VMS	Navigator
Backup / Playback	Remote Playback Manager / Backup, multiple NVRs file download and multi-channel playback
Alarm	
Ports	DI × 16 and DO × 4 (With programmable condition)
System	
Reports	Alarm event, operation and configuration full reports exporting over HTTP or USB
Authentication	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	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
Accessories	
PTZ Protocols	HTTP / ONVIF
Keyboard	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
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 A17 Quad Core
OS	Embedded Linux Kernel 3.10
WDT	Hardware watchdog timer
Power and Working Environment	
Power	AC 100 ~ 240V 60 ~ 50HZ 6.3A
Operating temperature	0°C ~ 45°C
Operating humidity	5% ~ 80%
Dimension	438 × 457.2 × 95.2 mm
Weight	≈8.5 KG (Without hard drive)