



NVR2400

NVR 2400 STANDALONE RAID STORAGE SYSTEM NETWORK VIDEO RECORDER



The latest NVR network recorder series NVR2400 released by LILIN can connect to network cameras, etc., and has a built-in hard disk array storage system (RAID) solution. Data security. Ensures that all recorded data is not easily lost due to hard disk damage. In addition, multiple security mechanisms for network security (network redundancy) ensure the integrity of recorded data. The NVR2400 can input 16 network encoding devices, provide 48 Mbps network bandwidth, and support 3 million pixel resolution recording. Users can quickly find the correct historical recording image using the timeline and event search functions.

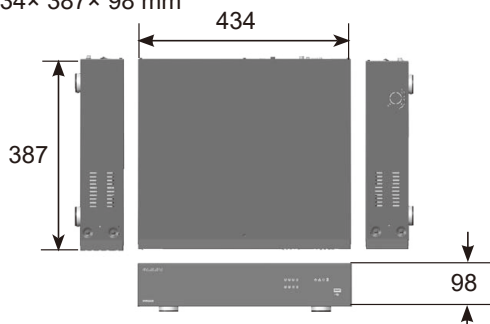
NVR2400 network video recorder can support 8 pcs 6TB hard disk, two eSATA storage devices for long-term real-time recording. Supports multi-touch screen, remote control, 931D keyboard, mouse and other control interfaces. NVR2400 network video recorder supports various flexible backup methods such as USB, HTTP, FTP, network computer and so on. With LILIN NAV VMS central image management software, you can fully access NVR recording data, system records, etc. and integrate with other LILIN network devices. Smartphones (iOS, Android) can support remote video surveillance. Users do not need to connect a PC or additional software The NVR2400 can be configured in various network environments.

FEATURES :

- 16 Channel network camera Input
- Up to 3mega pixel H.264 network camera support
- Up to 1080P 60 FPS network camera support
- Network redundancy supported
- Internal HDD up to 6TB supported
- Software RAID 1/5 supported
- External e-SATA storage supported, up to 32TB
- HDMI and VGA output up to 1920×1080P
- Multi-touch screen support
- Mobile phone (iOS, Android) solutions provided

DIMENSIONS : (Unit : mm)

434× 387× 98 mm



SPECIFICATION :

Name	NVR 2400 Standalone RAID Storage System Network Video Recorder	
Models	NVR2400	
IP video input	Supports	Network camera / ONVIF Profile S / DVR / NVR / Video encoder / Navigator
	Input	16 CH
	Resolution	3M / 1080P / 1.3M / 1M / 960H / D1 / VGA / CIF
	Maximum Frame Rate	400 FPS
Video output	Output	HDMI / VGA 1080P
	Split Screen	1 / 4 / 8 / 9 / 13 / 16, sequence mode, freeze
	Digital Zoom	Up to 64× on live and playback
	Backlight Saving	Adjustable idle time 30 – 60 sec.
	Multi-touch	Support USB multi-touch screen
Recording	Encode Format	H.264
	Maximum Network Throughput	48Mbps
	Resolution	CIF ~ 3M
	Frame Rate	Single channel up to 1080P 60 FPS record
	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	Alarm notification iOS \ android / E-Mail / FTP / buzzer / DO
Playback	Search	Alarm event / Operation event / System event / Meta data event / Time search
	Display	16CH synchronous playback
	Max. Division Display	400FPS
	Resolution	CIF ~ 3M
	Max. Frame Rate	Up to 1080P 60FPS
	Speed	Fast rewind 2× ~ 64× / Fast forward 2× ~ 64× / Step Forward / Slow motion 1/2 ~ 1/16
Storage	Internal HDD / Swap Drive Bay	8 × 3.5" HDD (Up to 6TB supported)
	RAID	RAID Controller × 2, each controller control 4 HDDs, available combination as below: RAID 1 : 2HDDs installed, HDD 1st and 2nd be a RAID, and another 1HDD for spare is available(3HDDs) RAID 5 : 4 HDDs installed, support 1 HDD to be spare(3 HDDs RAID5 , 1 HDD spare), or 4HDDs RAID5
	eSATA	eSATA connector × 2 (Up to 32TB external storage supported, each 16TB)
Backup	USB Flash Disk	Up to 32 GB supported
	Network Backup	Via HTTP / FTP / Network Places
	DVD DVD/RW	External USB DVD / RW
Audio	Audio Input	16 CH (Network camera), G.711 8K
	Audio Output	RCA × 1 (0.7Vp-p, 300 Hz to 3KHz)
Network	Ports	RJ-45×2 (Gigabit Ethernet X 1 and 100Mbps X 1) ethernet failure redundancy supported
	Protocols	TCP/IP / ARP / UDP / HTTP / HTTPS / SMTP / FTP / DHCP / DNS / DDNS / NTP / RTP / RTCP / RTSP / SDDP / 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 / 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 / Backupman, multiple NVRs file download and multi-channel playback
Alarm	Alarm/event (Ports)	DI × 2 and DO × 2 (NO/NC)
System	Reports	Alarm event, operation, configuration and system execution log full reports exporting over HTTP or USB
	Authentication	User authentication with feature configurable
	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 de-fragmentation
	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
	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
Others	USB GPS Receiver	Support
	CPU	ARM Cortex A9 800 MHz
	OS	Embedded Linux Kernel 2.6
	WDT	Hardware watchdog timer
	CE	Yes
Power and working environment	FCC	Yes, EMI Class A
	Power	Dual redundant power supply, Adapter DC 12V, 10A, 120W × 2 (Optional)
	Working Env.	Temp : 0°C ~ 45°C / Humidity : 5% ~ 80%
	Dimension (W×L×H)	433× 411× 88 mm
	Weight	≈5 KG (Without hard drive)

