NAV 36CH Recorder

Features

- ONVIF Profile S, LILIN IP cameras, PTZ domes, DVRs, and NVRs supported
- Up to 36-ch 1080P/3M/4M/5M/8M network streaming, recording, and display
- Built-in hardware RAID system, Support up to 8 x 3.5” hot-swap HDDs
- Failover, video achieve, and Smart Search supported
- Dual streaming decoding mode supported
- Dual monitors supported, up to 36-ch video display
- Support multi-channels playback for remote or local NAV
- Support image archiving mechanisms
- Built-in dual port Gigabit Ethernet
- Provide up to 500Mbps upload and 500Mbps download network speed

Description

LILIN NAV08036A 36-ch Recorder supports LILIN IP cameras, PTZ dome IP cameras, DVRs, and NVRs. The recorder features up to 36-ch 1080P/3M/4M/5M/8M network streaming, recording, and display.

The recorder equips with hardware RAID. It has built-in dual port Gigabit Ethernet, and dual monitors. It

also supports multi-channels playback for remote or local NAV. Failover, video achieve, and video sync are supported.

NAV08036A is capable of supporting continuous and schedule recordings. Various alarm detections include motion, alarm, audio, IVS, and ANPR (optional) for triggering various alarm outputs. NAV08036A also support up to 1080P 120FPS and 4K 30FPS video streams.

Simultaneous playback for 36-ch, dual monitors support, camera groupings, authentication, two-way audio, and dual-streaming provide extra flexibilities for the video management system.

Specifications

Model	NAV08036A
Supports (Video Input)/Network video support/IP video supports	ONVIF Profile S, LILIN IP camera, LILIN IP PTZ dome, LILIN DVR/NVR, NAV Server
Input(IP video input)	Up to 36 channels at 1080P/3M/4M/5M/8M
Network video Format	H.264/MJPEG
Maximum Network Throughput	Upload: up to 500Mbps Download: up to 500Mbps
Internal HDD	8 x Hot-swap 3.5” SATA HDD
Recording schedule	7 days x 24 hrs time table, recording mode configurable
Application/ Recording Mode	Alarm, motion, schedule, and manual
Recording speed	Max 8MP@30fps, 5MP@12 fps, 4MP@20fps, 3MP@15 fps, 1080p@120 fps, and ROI recording supported
Recording Resolution	3840 × 2160, 2592 × 1944, 2048 × 1536, 1920 × 1080, 1280 × 1024, 1280 × 768, (720 × 480/720 × 576), 320 × 240
Audio Recording	Yes
Circular recording	Yes / size customizable
Limited recording	Yes / days customizable
Video Archiving	Yes
Low bitrate recording	Yes
Remote Network RAID	Yes

Playback Search	Date, time, event, POS SmartSearch, motion SmartSearch, plate search (optional), record tagging
Playback Resolution	3840x2160, 2592x1944, 2048x1536, 1920x1080, 1280x1024, 1280x768, (720x480 / 720x576), 320x240
Playback Speed	FR: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X 32X FF: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X
Back up	Max. 36 channels, AVI file format supported
Remote video (Playback)	NAV Server/Navigator Client/DVR/NVR/IP camera SD card supported, max. 36 channels
Video input (Support quantity)	Max. 36 channels
Camera name	20 characters
Channel editing	Mouse drag-n-drop
Digital zoom	Yes, ePTZ supported
Grouping (Video input)	User grouping authentication assignable for eMap, and Navigator 2.0
Remote monitoring (Video input)	Yes, web and NAV Client
HDMI output	1 x HDMI port 1.4b (1920 x 1080@60Hz) (4096 x 2160@24Hz)
Output (Video output)	1 x DisplayPort 1.2 (1920 x 1080@60Hz) (4096 x 2304@60Hz)
TV Wall	Dual screen, max. 36 channels 1080P/3M/4M/5M/8M
Split Screen	4, 9, 16, 25, 36
Dual stream technology (Video output)	Multi-channel displays D1 and full screen displays 1080P/3M/4M/5M/8M resolution
Multi-screen (Video output)	Dual-screen, max. 36 channels
Video archiving & sync.	Individual camera configurable, scheduling and instant archiving, sync recording data with NAV server/NVR/DVR/IP camera SD card.
Alarm recording	Face detection, audio detection, tamper, motion, IVS, DI alarm detection, and ANPR (optional)

Alarm Management	Alarm popup for full screen, pc sound, redirect IP camera's digital output, email snapshots, redirect a PTZ preset recall
Alarm recording(Alarm / event)	Pre-alarm:1 − 10 seconds and post-alarm: 1 sec − 59 minutes
Alarm event actions	Various alarm log including video loss, stop recording, schedule, logon, operation log
Digital output	Controllable via IP cameras
Keyboard Keypad	PIH-931D keyboard controllable via rs-485 for PTZ, ePTZ, and ROI features
Audio	PCM, two-way audio, audio recording
POS / barcode scanner/barcoder scanner	PS/2
Protocols	ARP, TCP/IP, HTTP, SMTP, DNS, PPPoE, ONVIF
Mobile phone	LILINViewer, iPhone and Android
IP Scan	Supported, easy-to-setup for IP address
VMS	Support NAV Client VMS software
eMap	Supported
CE	Yes
FCC	Yes
CPU	Intel® Core™ i3-7100 Processor
RAM	2 x DDR4 8GB
Chipset	Intel® H270
Display card	Intel® HD Graphics 630
Audio (Hardware)	5 x Audio jack(s), 1 x S/PDIF
USB port of front panel	1 x USB 2.0
USB port of rear panel	6 x USB 3.0
System FAN	2 x 60mm rear exhaust fans
Raid control	MegaRAID SAS 9361-8i
Raid mode	RAID 0, 1, 5, 6, 10, 50

SSD HDD	1 x SATA 120GB SSD (OS System) Note: Do not use WD Purple HDDs for NAV HDD installation. Please use 7200RPM WD Red Pro for non-RAID installation, WD Gold Enterprise HDDs for RAID installation, or other Enterprise HDDs.
WDT	NAV failover / NAV monitoring station
DST	Daylight saving time by Windows OS
Languages	English, Traditional Chinese, Spanish, German, French, Russian, Japanese, Portuguese, Italian, Simplified Chinese, Czech, Slovenian, Hungarian, Turkish, Arabic, Persian, Bengali, Vietnamese
OS	Windows 10 embedded
Power Consumption	500W Power Supplies 80 PLUS Gold
Power Supply	110V~240V
Operating temperature	0°C~60°C (32°F~140°F)
Storage temperature	0°C~70°C (32°F~158°F)
Storage Humidity	0%~90%
Dimensions	438 mm x 450 mm x 88 mm
Weight	23.14 lbs (10.50kg)