NAV 72CH RECORDER

Features

- ONVIF Profile S, LILIN IP cameras, PTZ domes, and DVRs/NVRs are supported.
- Up to 72 channels 1080P/3M/4M/5M/8M Network streaming, recording, and display
- Built-in hardware RAID system, support up to 24 x 3.5" hot-swap HDDs.
- Failover, video achieve, record file sync. and SmartSearch support.
- Dual streamings decoding mode supported
- Support multi-channels playback/record file backup for remote or local.
- Built-in dual port Gigabit Ethernet.

Description

LILIN NAV24072 72 Channel Recorder supports LILIN IP cameras, PTZ domes, and DVRs/NVRs. The recorder features   up to 72 channels 1080P/3M/4M/5M/8M network streaming, recording, and display, built-in dual port Gigabit Ethernet, and dual monitors support. It also supports multi-channels playback for remote or local. NAV24072 is capable of supporting multi-camera installations where LILIN cameras are installed, and NAV delivers a solid surveillance platform with offering all the basic features, as well as some of the more advanced ones that a basic security system requires.

ePTZ feature and ePOS integration are also provided for free of charge. The maximum video speed can perform 3,840X2,160 at 30 frames per second, and support up to 2 monitors. Keyboard is controllable via RS-485 for PTZ, ePTZ, and ROI region of interest features. Two-way audio and recording are available.

Specifications

Model	NAV24072
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 72 channels at 1080P/3M/4M/5M/8M
Network video Format	H.264 / MJPEG
Maximum Network Throughput	Max. 500 Mbps download and 500 Mbps upload speed
Internal HDD	Hot-swap 3.5" SATA HDDx24 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.
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	3840x2160, 2592x1944, 2048x1536, 1920x1080, 1280x1024, 1280x768, (720x480 / 720x576), 320x240
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
HDMI output	x 2
Output (Video output)	x 1
TV Wall	Dual screen, max. 72 channels
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
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, 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 – 5 seconds and post-alarm: 5 – 50 seconds
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
Mobile phone	iPhone and Android
IP Scan	Supported, easy-to-setup for IP address
CPU	Intel® Core™ i5-6500 Processor
RAM	4GB DDR4-2133 x2, extendable up to 64GB
Chipset	Intel® Q170 Chipset
Display card	Intel® P530
USB port	USB 3.0 x 10
Slim DVD-ROM	x1
System FAN	80mm hot-swap PWM fans x 3 / 80mm rear exhaust fans x 2
Raid control	LSI SAS_9260-4i RAID / On chip
Raid mode	LSI Hardware, RAID 0, 1, 5, 6, 10, 50, 60
SSD HDD	120GB SATA3 SSD x1
WDT	NAV failover / NAV monitoring station
DST	Daylight saving time by Windows OS
Languages	English, Chinese, Spanish, French, Italian, Japanese, Russian, Portuguese, Simplified Chinese, Czech, Slovene, German

OS	Windows embedded standard 7
Power Supply	920W high-efficiency (94%+) AC Input 100-240 V, 50-60 Hz, 11-4.5 Amp
Operating temperature	5°C - 35°C (41°F - 95°F)
Storage temperature	-40°C - 70°C (-40°F - 158°F)
Operating humidity	8% - 90%, (non - condensing)
Storage Humidity	5% - 95% (non - condensing)
Dimensions	178 x 437 x 660mm
Weight	79.3 lbs (36kg)