



LILIN NAV1072 72-Channel Recorder supports LILIN IP cameras, PTZ domes, and DVRs/NVRs. The recorder features up to 72 channels 1080P/3M/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.

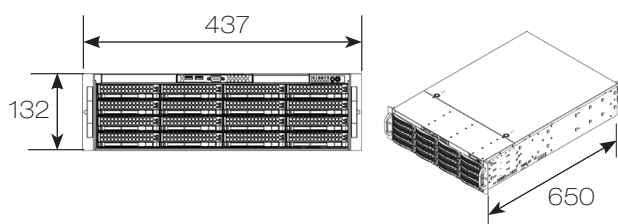
NAV1072 is capable of supporting multi-camera installations where LILIN cameras are installed, and NAV delivers a solid surveillance platform with offering all the basic features, as well as some of the more advanced ones that a basic security system requires. 3U 19" chassis, built-in hardware RAID system, support up to 16 x 3.5" hot-swap HDDs. Failover, video achieve, dual streamings decoding mode, SmartSearch are supported. Dual monitors support, up to 36 channels video display and built-in dual port Gigabit Ethernet.

FEATURES :

- ONVIF Profile S, LILIN IP cameras, PTZ domes, and DVRs/NVRs are supported.
- Up to 72 channels 1080P/3M/5M/8M Network streaming, recording, and display
- 3U 19" chassis, built-in hardware RAID system, support up to 16 x 3.5" hot-swap HDDs.
- Failover, video achieve, and SmartSearch support.
- Dual streamings decoding mode supported
- Dual monitors support, up to 36 channels Video display.
- Support multi-channels playback for remote or local.
- Built-in dual port Gigabit Ethernet.

DIMENSIONS : (Unit : mm)

132 x 437 x 650



SPECIFICATION :

| | | |
|------------------------|-------------------------|--|
| Name | | NAV 72CH RECORDER |
| Model no | | NAV1072 |
| Network video support | | ONVIF Profile S, LILIN IP camera, LILIN IP PTZ dome, LIIN DVR/NVR, NAV Server |
| Network video input | | Up to 72 channels at 1080P/3M/5M |
| Network video format | | H.264 / MJPEG |
| Max Network throughput | | Max. 500 Mbps download and 500 Mbps upload speed |
| Raid support | | Hot-swap 3.5" SATA HDDx16 |
| Recording | Schedule | 7 days x 24 hrs time table, recording mode configurable |
| | Recording mode | Alarm, motion, schedule, and manual |
| Recording mode | Recording speed | Max 8MP 30fps, 5MP 12 fps, 3MP 15 fps, 1080p at 120 fps, and ROI recording supported |
| | Recording resolution | 3840x2160, 2592x1944, 2048x1536, 1920x1080, 1280x1024, 1280x768, (720x480 / 720x576), 320x240 |
| | Alarm recording | Face detection, audio detection, tamper, motion, DI alarm detection, and ANPR (optional) |
| | 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 |
| | Resolution | 3840x2160, 2592x1944, 2048x1536, 1920x1080, 1280x1024, 1280x768, (720x480 / 720x576), 320x240 |
| | Video speed | Max. 2592x1944 at 12Fps, 2048x1536 at 15Fps, 1080P at 30Fps |
| | 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 |
| | Backup | Max. 36 channels, AVI file format supported |
| | Remote video | NAV Server/Navigator Client/DVR/NVR/IP camera SD card supported, max. 36 channels |
| Video input | Support quantity | Max. 72 channels |
| | Camera name | 20 characters |
| | Channel editing | Mouse drag-n-drop |
| | Digital zoom | Yes, ePTZ supported |
| | Grouping | User grouping authentication assignable for eMap, and Navigator 1.0 |
| | Remote monitoring | Yes |
| Video output | HDMI output | x1 / max. 1080P |
| | DVI / VGA output | DVI and VGA share same channel |
| | Tv wall | Dual screen, max. 72 channels |
| | Split screen | 4, 9, 16, 25, 36 |
| | Dual stream technology | Multi-channel displays D1 and full screen displays 1080P/3M/5M/8M resolution |
| | Multi-screen | Dual-screen |
| Video archiving | Video archiving & sync. | Individual camera configurable, scheduling and instant archiving, sync recording data with NAV server/NVR/DVR/IP camera SD card. |
| Alarm / event | Alarm management | Alarm popup for full screen, PC sound, redirect IP Camera's digital output, eMail snapshots, redirect a PTZ preset recall |
| | Alarm recording | Pre-alarm:1 - 5 seconds and post-alarm: 5 - 50 seconds |
| | Event | Various alarm log including video loss, stop recording, schedule, logon, operation log |
| | Digital output | Controllable via IP cameras |
| Accessories | Keyboard | PIH-931D keyboard controllable via RS-485 for PTZ, ePTZ, and ROI features |
| | Audio | PCM, Two-way audio, audio recording |
| | Pos/barcode scanner | RS-232 / PS/2 |
| | Protocols | ARP / TCP/IP / HTTP / SMTP / DNS / PPPoE |
| | Mobile support | iPhone and Android |
| | Ipscan | Supported, easy-to-setup for IP address |
| Hardware | Cpu | Intel® Xeon® processor E5-2620 |
| | Ram | 4GB DDR3-1333 x2, extendable up to 128GB |
| | Chipset | Intel® PCH C602 |
| | Display card | AMD HD 6000 series |
| | USB port | USB 2.0x6 |
| | Slim DVD-ROM | x1 |
| | System fan | 80mm hot-swap PWM fans x 3, 80mm rear exhaust fans x 2 |
| | Raid control | LSISAS2108 RAID On Chip |
| | Raid mode | RAID 0, 1, 5, 6, 10, 50, and 60 |
| | OS HDD | 120GB SATA3 SSD x1 |
| Other | Watch dog | NAV failover / NAV monitoring station |
| | DST | Daylight saving time by Windows OS |
| | Language | English, Chinese, Spanish, French, Italian, Japanese, Russian, Portuguese, Simplified Chinese, Czech, Slovene, German |
| | OS | Windows 7 Professional |
| Power and environment | Power supply | 500W high-efficiency AC Input: 100-240 V, 50-60 Hz, 6.1-2.6 Amp |
| | Redundant power supply | Redundant power supplies with PMBus |
| | Operating environment | Operating temperature range 5°C - 35°C (41°F - 95°F), Non-Operating temperature range -40°C - 70°C (-40°F - 158°F), Operating relative humidity range 8% - 90% (non-condensing), Non-operating relative humidity range 5% - 95% (non-condensing) |
| | Dimension (HXWXD) | 132 x 437 x 650mm |
| | Color | Black |
| Weight | 74.3 lbs (33.7kg) | |