



NAV Control Server



Features

- Up to 36 channels 1080P/3M/4M/5M/8M/12M Network streaming, recording
- built-in 1 × 500GB 2.5 Inch SATA SSD (OS)
- Support up to 3 × 3.5 Inch SATA HDD (recording)
- Dual streaming decoding mode supported
- 1 monitor support up to 36 channels in total (480P 15fps)
- Support multi-channels synchronized playback (remote or local)
- Support Fisheye camera dewarping
- Built-in dual port Gigabit Ethernet, RJ-45 × 2
- Built-in 500W Power Supply
- 2U dimension for rackmount cabinet

Description

LILIN NCS3600 36 channels Recorder supports LILIN IP cameras, PTZ dome IP cameras, DVRs, and NVRs. The recorder features up to 36 channels 1080P/3M/4M/5M/8M/12M Network streaming, recording

It is built-in dual port Gigabit Ethernet, and dual monitors. It also supports multi-channels playback for

remote or local NAV

NCS3600 is capable of supporting continuous and schedule recordings.

NCC Viewer Manager 3.0 can manage LILIN Navigator Corporate servers, NVRs, and DVRs.

NCC Viewer Manager include remote live monitoring, remote video playback, remote video backup, remove device status report, PTZ control, and user authentication.

Specifications

Model	NCS3600
Network video support	LILIN IP camera, LILIN IP camera over HTTPS, LILIN Fisheye camera, LILIN IP speed dome, LILIN DVR/NVR, LILIN DHD recorder, NAV live streaming, P2P live streaming, ONVIF camera, manual RTSP, screen capture, USB video input, picture capture
Chassis	2U Chassis
IP Video Input	Up to 36 channels 1080P / 3M / 4M / 5M / 8M / 12M
Network video Format	H.264 / H.265 / MJPEG
Maximum Network Throughput	Upload: up to 500Mbps, Download: up to 500Mbps
Internal HDD / Swap Drive Bay	built-in 1 × 500GB 2.5 Inch SATA SSD (OS) Support up to 3 x 3.5 Inch SATA HDD (recording)
Video input (Support quantity)	Max. 36 channels
Camera name	20 characters
Channel editing	Mouse drag-n-drop

Fisheye Dewarp Mode	<p>Ceiling and ground mounted</p> <p>1 R One Region, 3 R1O Three Regions One Fisheye, 4 R Four Regions, 2 R1P Two Regions One Panoramic 360, 2 P Two Panoramics 180, 8 R1O Eight Regions One Fisheye</p> <p>Wall mounted</p> <p>1 R One Region, 3 R1O Three Regions One Fisheye, 4 R Four Regions, 2 R1P Two Regions One Panoramic 180, 1 WP One Wall Panoramic 180, 8 R1O Eight Regions One Fisheye</p>
Digital zoom	Yes, ePTZ supported
Privacy Mask	Supported
Remote Live Video	Yes, web and NAV Client
HDMI output	1 × HDMI port 1.4b (4096 × 2160@24Hz)
DisplayPort output	1 × DisplayPort 1.2 (4096 × 2304@60Hz)
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 / 12M resolution
Multi-screen (Video output)	1 monitor support up to 36 channels in total (480P 15fps)
Application/ Recording Mode	Alarm, motion, schedule, and manual
Recording schedule	7 days × 24 hrs time table, recording mode configurable
Recording resolution & framerate	Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30fps, 3MP@30fps, 1080p@120fps, and ROI recording supported

Alarm recording	Remote digital input, remote IVS detection, remote face detection, remote tamper detection, remote audio detection, external IO, motion detection, NAV CGI Triggering, video loss detection, speed measurement detection, ANPR detection, facial recognition, remote LPR detection, QR code detection, aida behavior detection
Audio Recording	Yes
Circular recording	Yes / size customizable
Limited recording	Yes / days customizable
Failover	Supported
Video Archiving	Yes
Low bitrate recording	Yes
Remote network NAS	Support NAS (SMB/CIFS), iSCSI
Playback Search	Date, time, Smart search, Alarm search, POS, ANPR search, Face search, Face trace search (in FR server only), Tagging search
Playback resolution and framerate	Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30fps, 3MP@30fps, 1080p@120fps
Playback Speed	"Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X Fast Forward: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X"
Backup / Video input	Max. 36 channels, AVI & MP4 file format supported
Remote video (Playback)	NAV Server / Navigator Client / DVR / NVR / IP camera SD card, maximum can support up to 36 channels playback and backup

Alarm Management	Play audio file, send email notification, PTZ preset, digital output triggering, full screen, post alarm record, pre-alarm record, advanced alarm digital output, send customizable HTTP POST CGI URL to third party device, alarm ACK, alarm snapshot, text overlay, App cloud push notification, NCC TV wall ACK, NCC eMap Center Alarm, NCC play sound, NCC global alarm setting, all these action can be automatic or scheduled
Alarm recording(Alarm / event)	Pre-alarm:1 ~ 10 seconds and post-alarm: 1 sec ~ 59 minutes
Alarm scheduling	Up to four alarm tables with AND logic
Alarm event actions	Various alarm log including video loss, stop recording, schedule, logon, operation log
Digital output	Controllable via IP cameras
Video archiving & sync.	Individual camera configurable, scheduling and instant archiving, sync recording data with NAV server / NVR / DVR / IP camera SD card.
Keyboard Keypad	PIH-931D keyboard controllable via rs-485 to usb converter for PTZ, ePTZ, and ROI features
Audio	PCM/G.711/AAC, two-way audio, audio recording
POS	Third party TCP/IP/ RS-232 / Bluetooth supported / HID USB Barcode scanner
Protocols	ARP / TCP/IP / RTSP / ONVIF / HTTP / HTTPS / SMTP / DNS / PPPoE / SDDP
Mobile Application	LILINViewer, iPhone and Android
IP Scan	Supported, easy-to-setup for IP address
VMS support	Support NAV Client software
eMap	Supported
eMap live monitoring	Each map can see 64 live video at the same time
Auto Switch to the Map of Alarm Event	Supported

Snapshot	Motion detection / external alarm / audio detection alarm / face detection
Alarm Event Actions (Accessories)	Digital output controllable, snapshots, and alarm popup
(eMap)Central management	Centralized monitoring channels from multiple server
(eMap)Online Maps	Google map and Baidu map up to 128 eMap, GPS devices supported
Number of Mark for Online Map	Each online map can support 5000 camera mark
Number of Mark for Offline Map	Each offline map can support 500 camera mark
CPU	Intel® Core™ i5-10500
RAM	32GB (2 × DDR4 16GB)
Chipset	Intel® H410
Display card	Intel® UHD Graphics 630
Ethernet Ports	2 × RJ-45 1GbE
Audio (Hardware)	5 × Audio jack(s), 1 × S/PDIF
Rear panel USB port	5 × USB 3.1 , 1 × USB Type-C
Front panel USB port	1 × USB 3.0
Cooler	2 × 60mm rear exhaust fans
SSD HDD	<p>built-in 1 × 500GB 2.5 Inch SATA SSD (OS)</p> <p>Support up to 3 × 3.5 Inch SATA HDD (recording))</p> <p>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</p>
Languages	English, Traditional Chinese, Spanish, German, French, Russian, Japanese, Portuguese, Italian, Simplified Chinese, Slovenian, Czech, Hungarian, Turkish, Arabic, Persian, Bengali, Vietnamese
OS	Windows 10 embedded LTSB
Daylight Saving	Daylight saving time by Windows OS
Power Consumption	500W

Power Supply	110V ~ 240V
Operating Temperature	10°C ~ 40°C(50°F ~ 104°F)
Storage Temperature	0°C ~ 70°C(32°F ~ 158°F)
Relative Humidity	10% ~ 90% (non-condensing)
Dimensions	88 (H) × 438 (W) × 451 (D) mm
Color	Black
Weight	20.94 lbs (9.50kg)

