

NAV Control Center

Navigator Control Center 3.0

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Introduction

The LILIN Navigator Control Center is an integrated security management software that can be used in central monitoring station. It can control up to 4,096 NAV servers, display multiple windows at the same time (up to 144 cameras each) and build a customized TV wall with alarm acknowledgement notify. It also includes some intelligent video analytics functions to reduce fake alarm occurs during monitoring.

Product Feature

- ▶ Hierarchical management for Navigator Corporate servers
- ▶ Manage up to 4096 NAV Corporate servers
- ▶ Centralized user management database up to 512 user groups and 1000 users per group
- ▶ Centralized view groups management database for Navigator Clients up to 144 channels per group
- ▶ Pre-configured video groupings for user login
- ▶ Support spot monitor for view different group
- ▶ Support AI recognition and behavior detection
- ▶ Assign specific camera to NAV server for recording
- ▶ Remote multiple channels playback and backup
- ▶ Centralized event, alarm, and operation status report management for Navigator servers

Navigator Control Center 3.0	
Setting	
Multi-tier Architecture Administrative System	Support multi-layer tree structure management system, up to 64 layers, each layer up to 64 NAV servers
User Management	Camera access and function access right manageable
NAV Recorder Management	Simultaneously controls up to 4096 NAV Corportate version recording servers
Sync Server Setting	Can synchronize eMaps, user accounts, ANPR, Face Recognition, NAV and NCC data
Add NAV Server Function	Manual
Assign Specific Camera View to NAV Server for Recording	Supported
Advance Alarm DO Setting	Supported
Advance Alarm DO Shortcut on Viewer Manager	Supported
Add LPR Camera	Supported
IP Device Management	Simultaneously controls up to 65000 LILIN IP cameras, IP speed domes, DVR/DHD/NVR and NAV Live servers
Video Inputs	LILIN IP camera, speed dome, DVR/DHD/NVR, NAV recorder
Camera Status Management	Camera connection, authentication, view set up, and recording statuses
Camera Preview	Yes
Batch IP Cameras Settings	Username and password
LiveView	
Camera View Group	Drag-n-drop, DVR/DHD/NVR channels import, and channel switching
Groups of Alarm Triggering	Yes, PTZ presets, digital output, and CGI commands
Live IP Video Input	Supports up to 12M video stream
Fisheye Dewarp	Support Immervision lens
Fisheye Dewarp Mode	Ceiling and ground mounted 1R One Region, 3R1O Three Regions One Fisheye, 4R Four Regions, 2R1P Two Regions One Panoramic 360 , 2P Two Panoramics 180, 8R1O Eight Regions One Fisheye Wall mounted 1R One Region, 3R1O Three Regions One Fisheye, 4R Four Regions, 2R1P Two Regions One Panoramic 180 , 1WP One Wall Panoramic 180 , 8R1O Eight Regions One Fisheye
PTZ Presets Naming	Yes
Video Compression Format	H.265/H.264/MJPEG
Maximum network throughput	Upload: up to 5000Mbps, Download: up to 5000Mbps (based on hardware specifications)
Recording resolution & speed	Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30fps, 3MP@30fps, 1080p@120fps, and ROI recording supported
View Group Channels	Up to 144 simultaneous display
Spot Monitor	Yes, live sequence display and playback
Digital Zoom	Live and recorded videos (PTZ/ePTZ)
Camera view group	Custom user groups and adjust group access according to individual username
OSD (On-Screen Display)	People counting/object counting/tripwire detection/license plate/POS string
PTZ Control	Yes, on-screen PTZ control and button control
Audio	Yes, live and playback audio
System monitoring	
RAID Failure Notification	Supported
Device Management	IP Scan to detect LILIN IP products; User definable device groups to view
Database	Database import and exports, CSV table import/output for maintenance
Event Search Filter	Yes
Access Log	Complete reports for database administration operations

Playback	
Playback Search	Time search, event search, date search, smart transaction search, smart playback, license plate recognition
Playback Resolution	3840 × 2160, 2592 × 1944, 2048 × 1536, 1920 × 1080, 1280 × 1024, 1280 × 768, 720 × 480, 720 × 576, 320 × 240
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
Digital watermark	DVR/DHD/NVR and NAV backup watermark checker
Backup / Playback	Up to 36 channels, exportable to AVI or MP4 file
Multiple Channel Playback	Up to 144 channels
Asynchronous Time Playback for Same Camera	Asynchronous time playback
Timebar Playback	Yes
Instant Playback	5 minutes instant playback
Remote DVR/DHD/NVR Video	Supports NAV recorder/Navigator/DVR/DHD/NVR/IP camera/SD card for remote video playback; up to 144-channel playback and 36-channel backup
Playback Compression	H.265/H.264/JPEG
MJPEG Transcoding	Integrated with third party suppliers
Split Screen	1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144, or user defined template
Dual Stream Technology (Video output)	Split screen D1 decoding, full screen 1080P/3M/4M/5M/8M/12M decoding

Alarm & Event	
Alarm Triggering	Full screen alarm, PC alarm sound, DO output for designated IP camera alarm, e-mail snapshot output, PTZ preset position output, acknowledgment to TV wall, blinking mark at e-Map
Database Manager	Various alarm event, screen and network failure, login and logout, operational event table
Statistics Report	HTML5 statistics report embedded into view manager up to 64 charts
Global Counter	Embedded into view manager up to 64 counters
GPS	Yes, Google map tracking for fleet management
License Plate Recognition	Yes (optional)
Facial Recognition	Yes (optional)
POS / Barcode Scanner	Yes
NAV Operation Status	CPU, connection & recording status, HDD status
Digital Output	Supports TCP/IP output for 3rd party suppliers

TVWall	
Video Decoder	LILIN VD022 for video wall
Physical Monitors	Up to 1440 physical remote monitors supported by network (based on number of video output available on external graphic card from dedicated server)
Rooms of the Wall	199 rooms supported for various monitor layouts
Video Wall Monitor	Each room can allocate up to 144 monitors to be combined freely
Channel Groups	128 channel groups per room to layout various channels within the same
Import View From Client to TV Wall	Supported
Video Channel	Up to 144 channels per TV wall group
TV Wall	Up to 144 channels per monitor, resolutions up to 12M
Display One Camera Over Several Monitor	Supported
Sequence Mode	Supported

Management	
Sync server playback	Supported
Centralized device management	Supported