

Navigator Control Center 2.0

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- Hierarchical management for up to 4096 Navigator 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
- Remote multiple channels playback and backup
- Centralized event, alarm, and operation status report management for Navigator servers
- Remote device management under Navigator servers
- Network Mosaic TV wall for up to 1440 remote monitors
- e-Map live monitoring with Google Map and Baidu Map supported

Description:

The LILIN Navigator Control Center is 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 TVwall with alarm hack notify. It also include some intelligent video analytics functions to reduce fake alarm occurs during monitoring.

Technical Specifications

Navigator Control Center 2.0

Navigator Control Center	
Application (OS)	
Application	64bits
Architecture	
Tier Architecture	A multi-tier tree architecture system, up to 128 tiers, which supports up to 64 recorders
Administrative System	
NAV Recorder Management	Simultaneously controls up to 4096 NAV recorders
Network	
IP Device Management	Simultaneously controls up to 65000 LILIN IP cameras, IP speed domes, DVR/NVR/ and NAV Live servers
IP video supports	LILIN IP camera, speed dome, DVR/NVR, NAV recorder
IP Video Input	Up to videos from 144 devices, and supports 1080p/3M/5M/8M video feed
IP Video Format	H.264/MJPEG
Max. Throughput	Max. 500 Mbps input and 500 Mbps output
Remote live video	
FPS	Up to 30 FPS (8M), 12 FPS (5M), 15 FPS (3M), 120 FPS (1080p), 30 FPS (4K)
Video Input Resolution	3840 × 2160, 2592 × 1944, 2048 × 1536, 1920 × 1080, 1280 × 1024, 1280 × 768, 720 × 480, 720 × 576, 320 × 240
Support channels	Up to 144 channels
Digital zoom	Live and recorded videos (PTZ/ePTZ)
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
Audio	Yes
Remote Backup / 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	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 / Playback (Software)	Up to 36 channels, exportable to AVI file
Group Playback	Up to 144 channels
Remote video (Playback)	Supports NAV recorder/Navigator/DVR/NVR/ IP camera/SD card for remote video playback; up to 144-channel playback and 36-channel backup
Compression	H.264/JPEG
JPEG、MJPEG (transcoding)	Integrated with third party suppliers
Video output	
TV Wall	Up to 144 channels per monitor, resolutions up to 1080p/3M/5M/8M
e-Map	Up to 64 channels per map
Split Screen	1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144, or user defined template
Dual stream technology	Split screen D1 decoding, full screen 1080p/3M/5M/8M decoding
Alarm/Event	
Alarm Triggering	Fullscreen alarm, PC alarm sound, DO output for designated IP camera alarm, eMail snapshot

	output, PTZ preset position output, acknowledgment to TV Wall, blinking mark at e-Map.
Event Table	Various alarm event, screen and network failure, login and logout, operational event table
GPS	Yes
License Plate	Yes
POS	Yes
NAV Operation Status	CPU, connection & recording status, HDD status
Alarm Output	Supports TCP/IP output for 3rd party suppliers
RAID Bad Sector Alarm notification	Supported

Management	
User management	Up to 512 user groups, each of which supports 1000 users that possess access privileges according to functions and device settings
Device management	IP Scan to detect LILIN IP products; User definable device groups to view
Database	Database import and exports, CVS table import/output/compression maintenance
Database Filter	Yes
Reports	Complete reports for database administration operations

TV Wall	
Physical monitors	Up to 1440 physical remote monitors supported by network
Rooms of the wall	1000 rooms supported for various monitor layouts
Video Monitors	Up to 144 monitors per room to be combined freely
Channel groups	1000 Channel groups per room to layout various channels within the same monitors.
Video Channel	Up to 144 channels per group
Stretch and Collage	Supported
Sequence Mode	Supported

e-Map	
Online/Offline Maps	Up to 128 online maps and 128 offline maps
Online map services	Both Google Maps and Baidu Maps supported. Geographic information in China supported: GCJ-02(aka Mars Coordinates) 、BD-09(Baidu coordinates) 、WGS-84(World Geodetic System)
Offline map file	JPEG supported
Camera marks	Up to 5000 camera marks per online map. Up to 500 camera marks per offline map.
Live video	Up to 64 live videos per map. Pop up live video on alarm in the map.
GPS route tracking	LILIN GPS devices supported to track the routes.

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