



NAV-8HDD

Navigator Enterprise 72 Chn Server



Features

- Support up to 72 Licences
ONVIF Compliant
- (Licence required for other ONVIF cameras)
- 2x gigabits Ethernet ports and 1x iKVM port
64 bits Window 10 on SSD Drive
- 8x HDDs on Raid System Hot Swap Bay, Hardware Raid 0,1,5 and 10
- Intel Processor
- 2 Monitor outputs , 2x 36 views or 1x36 views and 1x Alarm/Emap/
- Sport Monitor
- Industrail 4U Casing and Power Supply

Navigator Enterprise 72CH Server	
Model No	NAV-8HDD
Network Video Support	LILIN IP camera, LILIN IP speed dome, LILIN DVR/NVR, NAV live server
Network Video Input	Up to 36 channels at 1080P/3M/5M/8M
Network Video Format	H.264 / MJPEG
Max Network Throughput	Max. 500 Mbps download and 500 Mbps upload speed
RAID Support	8x 3.5" SATA HDD
Recording	
Schedule	7 days x 24 hrs time table, recording mode configurable
Recording Mode	
Recording Mode	Alarm, motion, schedule, and manual
Recording Speed	Max 8MP 30 fps, 5MP 12 fps, 3MP 15 fps, 1080P at 120fps and ROI recording supported
Recording Resolution	3804x2160, 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 Smart Search, plate search (optional), record tagging
Resolution	3840x2160, 2592x1944, 2048x1536, 1920x1080, 1280x1024, 1280x768 (720x480/720x576), 320x240
Video Speed	Max. 2048x1536 at 15FPS, 1080P at 30FPS
Playback Speed	FR: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X
Multi-Playback	FF: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X
Remote NAV Live Video	Yes
Remote DVR/NVR Video	Yes
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	
DisplayPort Output	x1 / max. 1080P
DVI Output DVI	DVI and VGA share same channel
TV Wall	Dual screen, max. 36 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

Navigator Enterprise 72CH Server	
Video Archiving	
Video Archiving	Individual camera configurable, scheduling and instant archiving, sync recording data with Navigator/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/G.711, two-way audio, audio recording (need external sound card for audio output)
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 6C/6T Bronze 3204 1.90Ghz processor CPU
RAM	16GB ECC DDR4 2666Mhz RDIMM memory
Chipset	Intel C621 chipset
Display Card	1x NVIDIA GeForce GTX1650 4GB GDDR5 Graphic Controller
USB Port	USB 2.0x6
Slim DVD-ROM	x1
System Fan	80mm 6300 RPM hot-swap PWM fans x 3
RAID Control	Broadcom 3108 Dual-core RoC SAS 12G 8-port int. ch. HW IOP Raid Controller with 2.0GB cache
RAID Mode	RAID 0, 1, 5, 10
OS HDD	120GB SATA3, Enterprise DOM
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 10
Power and Environment	
Power Supply	850W 80PLUS Gold HE PSU
Redundant Power Supply	No
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)	-
Color	Black
Weight	-

Design and specifications are subject to change without notice.