NVR400L

NVR L Series Multi-touch Standalone Network Video Recorder

www.meritlilin.com

1080P HD · 1080P HD

Onvif · Onvif

HDMI · HDMI

CE · CE Certified

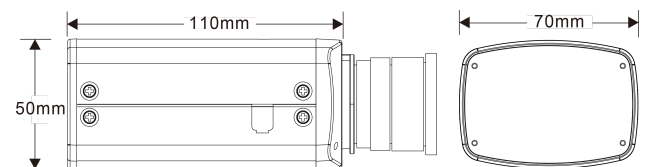**FC** · FCC Certified

Linux embedded

- ▶ 16 Channel H.264 network camera Input
- ▶ Up to 3mega pixel network camera support
- ▶ Up to 1080P 60 FPS network camera support
- ▶ Up to 6TB HDD supported
- ▶ HDMI / VGA 1080P output
- ▶ P2P QR code UID connection for APP and Navigator
- ▶ Mobile phone iOS, Android solutions provided
- ▶ Network maximum input throughput up to 48Mbps
- ▶ Chrome, Edge, Firefox, IE, Opera, Safari supported
- ▶ GPS communications
- ▶ Remote monitoring in real-time
- ▶ User friendly video playback, video search by time or date
- ▶ Plug-n-play one click auto installation with LILIN IPScan and WS Discovery driver
- ▶ Low bandwidth remote viewing
- ▶ No PC required
- ▶ Reliable security recorder system for SMB and SOHO users
- ▶ Works perfectly with LILIN IP cameras

Introduction

LILIN Lite series NVR400L multi-touch standalone Network Video Recorder is a plug-n-play and cost-effective video surveillance system for SOHO and SMB users to record and navigate their IP based security cameras. LILIN NVR Lite series systems Supported 6TB Hard Disk. With a total of 48Mbps of bandwidth available, the Lite series NVRs are able to support up to 16 cameras at high definition resolution as well as other configurations. The user interface is intuitive with all the features that end users need for daily video surveillance operations ~ video recording, playback / live view of recorded video. Full LILIN NAV software support, Web based remote viewing, iOS, and Android support. With LILIN's unique IPScan, you can locate all the cameras on the network and imports a preview picture of each channel to help with identification, which greatly speeds up commissioning.

Dimensions

360 × 316 × 60 mm

110mm

50mm

70mm

NVR L Series Multi-touch Standalone Network Video Recorder

IP vdeo input

Model	NVR400L
Supports	Network camera / ONVIF Profile S / DVR / NVR / Video encoder / Navigator
Input	16 CH
Resolution	3M / 1080P / 1.3M / 1M / 960H / D1 / VGA / CIF
Maximum Frame Rate	400 FPS, 60 FPS/ CH(Max)

Video output

Output	HDMI / VGA 1080P
Split Screen	1 / 4 / 8 / 9 / 13 / 16, sequence mode, freeze
Digital Zoom	Up to 64× on live and playback
Backlight Saving	Adjustable idle time 30 − 60 sec.
Multi-touch	Support USB multi-touch Screen

Recording

Encode Format	H.264
Maximum Network Throughput	48 Mbps
Resolution	CIF ~ 3M
Frame Rate	Single channel up to 1080P 60 FPS record
Recording Mode	Manual, schedule (continue, event, none)
Recording Schedule	Each channel 7day × 24 hours time table, recording mode configurable
Alarm Event Actions	Motion grid (20×12, multi-level sensitivities) / network camera event / DI
Alarm Notification	Alarm notification iOS、android / E-Mail / FTP / buzzer / DO

Playback

Search	Alarm event / Operation event / System event / Meta data event / Time search
Display	16CH synchronous playback
Max. Division Display	400 FPS
Resolution	CIF ~ 3M
Max. Frame Rate	Up to 1080P 60FPS
Speed	Fast rewind 2× ~ 64× / Fast forward 2× ~ 64× / Step Forward / Slow motion 1/2 ~ 1/16

Storage

Internal HDD / Swap Drive Bay	4 × 3.5" HDD HDD (Up to 6TB supported)

Backup

USB Flash Disk	Up to 32 GB supported
Network Backup	Via HTTP / FTP
DVD DVD/RW	External USB DVD / RW

Audio

Audio Input	16 CH (Network camera), G.711 8K
Audio Output	RCA × 1 (0.7Vp-p, 300 Hz to 3KHz)

Network

Ports	RJ-45 Gigabit Ethernet × 1
Protocols	ARP / TCP/IP / UDP / HTTP / SMTP / FTP / DDNS / PPPoE / NTP / RTP / RTSP / DHCP / SDDP / ONVIF Profile S
Web	Direct internet browser access / Multiple users access
Mobile Phone	iOS / Android supported
P2P	APP scan QR Code / UID connection
RTSP Service	RTP UDP/ RTSP TCP supported
IPScan / WS-Discovery	WS-Discovery and IP Scan, Automatically quick IP address setup for network cameras
Web access	Live / playback / backup / menu configuration / event log

Software

VMS	Navigator
Backup / Playback	Remote Playback Manager / Backupman, multiple NVRs file download and multi-channel playback

Alarm

Alarm/event (Ports)	DI × 2 and DO × 2 (NO/NC)

System

Reports	Alarm event, operation, configuration and system execution log full reports exporting over HTTP or USB
Authentication	User authentication with feature configurable
Language	Arabic, Traditional Chinese, Simplified Chinese, English, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Turkish
HDD Inspection	S.M.A.R.T monitoring / File system de-fragmentation
Recording Day	Automatic recording day calculator
Time	Daylight saving / NTP / External USB GPS time sync

Accessories

PTZ Protocols	HTTP / ONVIF
USB to RS-232	Record external metadata via USB to RS-232 cable, display at live and playback
Remote Control	Remote controller addressable up to 255 NVRs
Mouse	Mouse click, drag and scroll
USB GPS Receiver	Support

Others

CPU	ARM Cortex A9 800 MHz
OS	Embedded Linux Kernel 2.6
WDT	Hardware watchdog timer
CE	Yes
FCC	Yes, EMI Class A

Power and working environment

Power supply	Adapter DC 12V, 7A, 84W × 1
Operating Temperature	0°C ~ 45°C
Operating Humidity	5% ~ 80%
Dimension (W×L×H)	360 × 316 × 60 mm
Weight	≈3 KG (Without hard drive)