NVR116D / NVR116

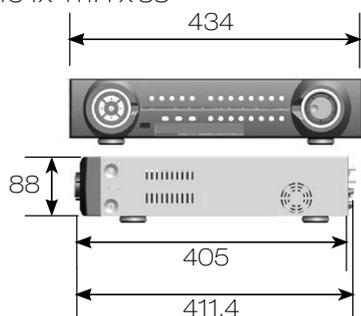## 1080P REAL-TIME MULTI-TOUCH 16 CHANNEL STANDALONE NVR

LILIN NVR116 is a 16-Channel IP standalone Network Video Recorder offering 25 frames per second for each channel at a full 1080P resolution. Touch screen, mouse, LILIN twist zoom keyboard or IR remote control, easy to navigate menus, supporting a 8-SATA hard drives. Motion detection, weighted and scheduled recording. Audio recording and playback, WS discovery for easy network discovery. NVR116 supports USB, network backup, and HDMI output. Full NAV support, web-based remote viewing & iPhone, BlackBerry and Android support.The NVR 116 is unique, touch-screen interface takes advantage of highly intuitive smartphone-style features like "pinch-n-zoom," multi-touch and scrolling, and icon based menus, deliberately avoiding traditional PC-style screens.

FEATURES :

- Multi-touch screen supported
- 1080P 16 channel real-time NVR up to 48 Mbps throughput
- Full HD 1920×1080 HDMI output
- Support 8 SATA HDDs, 1 eSATA
- Mobile phone (iPhone, iPad, Android, and Blackberry) solutions provided.
- Slim DVD/RW or external USB DVD/RW (Optional).
- CMX 3.6 / NAV 1.0 support

DIMENSIONS : (Unit : mm)

434x 411.4 x 88

434

88

405

411.4

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SPECIFICATION :

Name	H.264 1080P Real-time Multi-touch Standalone NVR	
Model	NVR116D / NVR116	
	D: Internal SATA HDD and built-in Slim DVD/RW	-: Internal SATA HDD
IP video supports	Network camera, Network PTZ dome, and video server	
IP video input	Up to 16-channels 1080P	
Max Network throughput	48 Mbps	
HDD disk supported	SATA Port x8	
External RAID supported	e-SATA Port x1	
Recording		
Recording mode	External alarm / motion detection / schedule / manual	
Resolution	1080P/ 720P/ D1/ VGA	
Recording video	1080P/ 720P/ D1/ VGA	
Schedule	7 day x 24 hrs time table, recording mode configurable	
Backup		
Backup	USB 2.0 flash disk / HTTP file download / Audio supported	
DVD/RW	Slim DVD/RW or External USB DVD/RW	
Playback		
Resolution	1080P/ 720P/ D1/ VGA	
Playback video	1080P/ 720P/ D1/ VGA	
Speed	FR: 2X, 4X, 8X,16X, 32X, 64X FF: 2X, 4X, 8X,16X, 32X, 64X	
Video output		
HDMI output	1920 x1080P	
Backlight saving	LCD backlight saving mode	
Multi-touch	Support USB multi-touch screen	
Multiplexer		
Multiplexer	Freeze	
Split screen	4, 8, 9,13,16	
Digital zoom	Up to 64X on live and playback	
Management		
Reports	Full alarm, configuration, and operation reports exporting over HTTP or USB	
Authentication	User authentication with feature configurable	
Recording day	Recording day calculator	
Alarm/event		
Alarm/event	DI x 8 and DOx 2 (NO/NC)	
Motion	Motion grid 20x12 each channel, 8 sensitivities	
Event	External alarm, video loss, stop recording, power recovering, motion detection, schedule, logon, HDD format	
Email	Alarm notification with JPEG attachments	
Accessories		
Accessories	Remote controller addressable up to 255 NVRs	
P/T/Z protocol	Via RS-485 LILIN MLP1/ 2 and Pelco D/ P supported, via network LILIN HTTP/Onvif supported.	
Keyboards	PIH-931D keyboard	
IR receiver	Extra IR extension connector	
RS-485/RS-232	RRS-485 keyboard connector, Input and output x 2, 12V output, RS-485 PTZ output x 1	
Jog & shuttle	FF, FR, step, instant rewind, menu setup	
Mouse	USB, mouse-click, mouse scroll, mouse drag	
Audio out	RCA, 1 output	
Remote control	Yes	
Network ports		
Network ports	Gigabit LAN, RJ45 x1	
Network	Direct Internet browser access / multiple users access	
Protocols	ARP / TCP/IP / UDP / HTTP / SMTP / FTP / DDNS	
Web	Live / event log & time search playback / AVI	
NVR status	HTML NVR status	
IPScan	IP scan supported, automatically quick IP address setup for IP cameras and NVRs	
Software		
Backup manager	Multiple NVRs FTP file download and multi-channel playback	
Mobile phone	iPhone, iPad, Android and Blackberry Mobile phone supported	
Others		
WDT	Hardware watchdog timer	
DST	Daylight saving time	
Multilanguage	English, Chinese, French, German, Hungarian, Polish, Italian, Portuguese, Arabic, Russian, Turkish, Spanish, Simplified Chinese	
CPU/OS	ARM Cortex A9 Processor @ 600 MHz, Linux 2.6 kernel	
Power		
Power	DC 12V, 10A / 120W	
Working env.	Temp: 0°C – +45°C / Humidity: 0% – 80%	
Dimension	434 x 411.4 x 88 mm	
Weight	5.0 Kg (w/o HDD)	