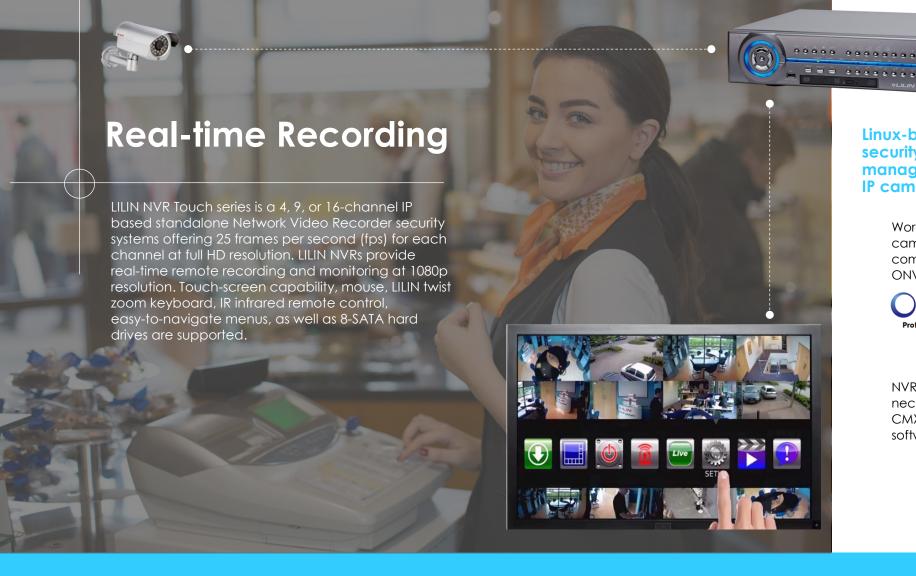![LILIN]

Network Video Recorder
Guide 2015

LILIN

LILIN is a global manufacturer of IP video cameras, recording devices and VMS software. Established in 1980 in New Taipei City, Taiwan, LILIN has quickly grown to be among the world's leading manufacturer in the advanced IP video surveillance industry. LILIN is dedicated to the design, development, manufacture, and marketing of a broad range of networking surveillance solutions. Currently LILIN has offices in more than 11 countries, and the company is recognized as the first camera manufacturer to become ONVIF-conformant. LILIN is proud to have strong relationships with over 50 valued software and integration partners and has maintained its dedication to *Creativity*, *Progress*, and *Excellence* providing expertise in digital video with a strong focus on innovation moving forward.

NVR Touch series

LILIN NVRs (Network Video Recorders) are 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.

Out-of-the-box ready video recording solution

NVR Touch series is an easy-to-install HD solution perfectly adapted to LILIN wide range of ONVIF-compliant IP based cameras

Onvif

Real-time Recording

LILIN NVR Touch series is a 4, 9, or 16-channel IP based standalone Network Video Recorder security systems offering 25 frames per second (fps) for each channel at full HD resolution. LILIN NVRs provide real-time remote recording and monitoring at 1080p resolution. Touch-screen capability, mouse, LILIN twist zoom keyboard, IR infrared remote control, easy-to-navigate menus, as well as 8-SATA hard drives are supported.

Linux-based standalone security solution for managing and recording IP cameras

Works perfectly with LILIN cameras that they are ONVIF compliant and work with all ONVIF latest profile

NVRs are preloaded with all necessary software including CMX video management software licenses

Plug-n-play device

An automated installation wizard, WS Discovery, locates all the cameras on the network and imports a preview picture of each channel to help with identification

Touch-screen function

Touch-screen capability minimizes the time to learn the system and increases operator speed

Multi-format recording

Multi-profile video streaming format recording capabilities (H.264 and Motion JPEG) ensuring quality recording videos for future reference and playback

High performing

NVR Touch security systems are high performing, high quality and reliable with features designed for easy operation and installation as well as superb image quality

Live View & Remote Playback

User-friendly NVR security system

Remote viewing

Remote viewing from handheld devices is fully enabled, with iPhone, iPad, Android, and BlackBerry compatibility

Instant notifications

When an event occurs and the alarm recording is enabled, an alarm icon will be shown instantly on the monitoring touch-screen panel

Remote monitoring modes

NVR Touch series supports various monitoring modes – to display 1, 4, 8, 9, 13, or 16 channels on a single screen

PTZ (Pan-Tilt-Zoom) control

You can adjust the PTZ (Pan-Tilt-Zoom) functions of supported cameras directly on the NVR User Interface which greatly enhancing the convenience in remote monitoring

Easily identify events

Operators may easily distinguish regular and alarm recording on the intuitive timeline playback bar

Through touch-screen monitors or smartphones, you can effortlessly monitor and manage multiple IP-based cameras on a real-time basis, and also you can attain the very first-hand status of desired monitored cameras such as entrances, exits, car park, building gates to safeguard your property, staff, and family

START : 2012/05/29 10:18:51   RECORD DATA
END : 2012/06/26 15:55:51
TIME SEARCH : 2012/06/22 13:55   ▼ UNIT : MINUTE
40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 00 01 02

YEAR | MONTH | DAY | HOUR | MINUTE | PLAYBACK | EXIT   ■ RECORD ■ ALARM

Centralized NVR system for any application

Outstanding recording performance

Remote monitoring over NVR Touch recorders allow you to check the live feeds of monitoring environment at any time, making sure your property, staff, and family are safe and well protected

Streams and records up to 16 network cameras

NVR Touch product lineup

NEW

Model number	NVR16D / NVR116	NVR109	NVR104	NVR408M	NVR404C
Type	1080P	1080P	1080P	1080P	1080P
IP video input	16	9	4	9	4
Max network throughput	48 Mbps	36 Mbps	24 Mbps	45 Mbps	24 Mbps
HDD disk	8 SATA	4 SATA	2 SATA	1 SATA	2.5" SATA (or SDD HDD)
External storage	e-SATA port	e-SATA port	e-SATA port	-	-
Resolution	1080P / 720P / D1 / VGA / CIF	1080P / 720P / D1 / VGA / CIF	1080P / 720P / D1 / VGA / CIF	1080P / 720P / D1 / VGA / CIF	1080P / 720P / D1 / VGA / CIF
Back up	USB, DVD/RW, HTTP, Audio supported	USB flash drive, USB portable DVD/RW, HTTP, Audio supported	USB flash drive, USB portable DVD/RW, HTTP, Audio supported	USB flash drive, USB portable DVD/RW, HTTP, Audio supported	USB flash drive, USB portable DVD/RW, HTTP, Audio supported
Alarm/event	D1 x 8 / DO x 2 (NO/NC)	D1 x 8 / DO x 2 (NO/NC)	D1 x 8 / DO x 2 (NO/NC)	D1 x 8 / DO x 2 (NO/NC)	D1 x 8 / DO x 2 (NO/NC)
Remote controller	up to 255 NVRs	up to 255 NVRs	up to 255 NVRs	up to 255 NVRs	up to 255 NVRs
Protocol	TCP/IP / ARP / UDP / HTTP / SMTP / FTP / DHCP / DNS / DDNS / NTP / RTP/RTPC / RTSP / ONVIF Profile S	TCP/IP / ARP / UDP / HTTP / SMTP / FTP / DHCP / DNS / DDNS / NTP / RTP/RTPC / RTSP / ONVIF Profile S	TCP/IP / ARP / UDP / HTTP / SMTP / FTP / DHCP / DNS / DDNS / NTP / RTP/RTPC / RTSP / ONVIF Profile S	TCP/IP / ARP / UDP / HTTP / SMTP / FTP / DHCP / DNS / DDNS / NTP / RTP/RTPC / RTSP / ONVIF Profile S	TCP/IP / ARP / UDP / HTTP / SMTP / FTP / DHCP / DNS / DDNS / NTP / RTP/RTPC / RTSP / ONVIF Profile S
Keyboard	PIH-931D	PIH-931D	PIH-931D	-	PIH-931D
Audio out	RCA x 1	RCA x 1	RCA x 1	RCA x 1	RCA x 1
Web access	Live, playback, backup, menu configuration	Live, playback, backup, menu configuration	Live, playback, backup, menu configuration	Live / event log & time search playback / AVI	Live, playback, backup, menu configuration
Mobile phone	iPhone, iPad, Android, BlackBerry	iPhone, iPad, Android, BlackBerry	iPhone, iPad, Android, BlackBerry	iPhone, iPad, Android, BlackBerry	iPhone, iPad, Android, BlackBerry
Multi-language	English, Traditional Chinese, French, German, Hungarian, Polish, Italian, Portuguese, Arabic, Russian, Turkish, Spanish, Simplified Chinese	English, Traditional Chinese, French, German, Hungarian, Polish, Italian, Portuguese, Arabic, Russian, Turkish, Spanish, Simplified Chinese	English, Traditional Chinese, French, German, Hungarian, Polish, Italian, Portuguese, Arabic, Russian, Turkish, Spanish, Simplified Chinese	English, Traditional Chinese, French, German, Hungarian, Polish, Italian, Portuguese, Arabic, Russian, Turkish, Spanish, Simplified Chinese	English, Traditional Chinese, French, German, Hungarian, Polish, Italian, Portuguese, Arabic, Russian, Turkish, Spanish, Simplified Chinese
Operating temperature	Temp: 0°C～+45°C Humidity: 0%～80%	Temp: 0°C～+45°C Humidity: 0%～80%	Temp: 0°C～+45°C Humidity: 0%～80%	Temp: 0°C～+60°C Humidity: 0%～80%	Temp: 0°C～+45°C Humidity: 0%～80%
Power supply	DC 12V/ 10A; 120W	DC 12V / 6.67A; 80W	DC 12V / 5A; 60W	DC 9～34V over voltage protect	DC 12V / 4.2A; 48W
Other	WS discover, weighted recording, jog shuttle control, front panel, NVR116D: built-in slim DVD/RW, USB mouse control	WS discovery, weighted recording, USB mouse control	WS discovery, weighted recording, USB mouse control	WS discovery, weighted recording, USB mouse control, GPS communications, EN50155 certification	WS discovery, USB mouse control

NVR Touch product lineup

NEW NEW NEW

Model number		NVR100L	NVR200L	NVR400L
IP video input	Supports	Network camera / ONVIF Profile S		
	Input	16 CH		
	Resolution	CIF / VGA / D1 / 960H / 1M / 1.3M / 1080P / 3M		
	Max. frame rate	100 fps	200 fps	400 fps
Video display	Output	HDMI / VGA / 1080P		
	Split screen	1 / 4 / 8 / 9 / 13 / 16, sequence mode, freeze		
	Digital zoom	Up to 64X on live and playback		
Recording	Encode	H.264		
	Max. network throughput	32 Mbps	40 Mbps	48 Mbps
	Resolution	CIF～3M		
	Max. frame rate	Up to 1080P @ 60 fps		
	Mode	Manual, schedule (continue, event, none)		
	Schedule	Each channel 7 day x 24 hours time table, recording mode configurable		
	Event	Motion grid (20X12, multi-level sensitivities) / network camera event		Motion grid (20×12, multi-level sensitivities) / network camera event / DI
	Alarm notification	Alarm notification iOS, Android, email, FTP, buzzer		Alarm notification iOS, Android, email, FTP, buzzer, DO
Playback	Search	Alarm event / operating event / system event / meta data event / time search		
	Display	16CH synchronous playback		
	Max. division display	100 fps	200 fps	400 fps
	Resolution	CIF～3M		
	Max. frame rate	Up to 1080P @ 60 fps		
Storage	HDD supported (up to 4TB)	2 x 3.5" HDD		4 x 3.5" HDD
Backup	DVD/ RW	External USB DVD/RW		
Network	Protocols	ARP / TCP/IP / UDP / HTTP / SMTP / FTP / DDNS / PPPoE / NTP / RTP / RTSP / DHCP/ Onvif Profile S		
	Mobile phone	iOS / Android supported		
	IPScan / WS discovery	WS Discovery and IPScan, automatically quick IP address setup for network cameras		
Alarm	Ports	None		D1 x 2 and DO x 2 (NO/NC)
System	Multi-language	English / Traditional Chinese / German / Italian / Portuguese / Spanish / French / Turkish / Hungarian / Polish / Russian / Arabic / Simplified Chinese		
Accessories	Remote control	Remote controller addressable up to 255 NVRs		
Power and working environment	Power	DC 12V, 5A, 60W		DC 12V, 6.67A, 80W
	Working environment	Temp : 0˚C ～ 45˚C / Humidity : 5%～80%		
	Dimension (W x L x H)	360 x 316 x 60 mm		
	Weight	3 kg (w/o HDD)		

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