LILIN

NVR1400

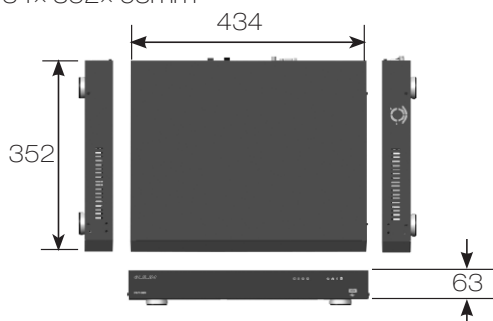### NVR 1400 STANDALONE RAID STORAGE SYSTEM NETWORK VIDEO RECORDER

LILIN NVR1400 is a 16-Channel IP standalone Network Video Recorder offering 16TB external storage for recording. Touch screen, mouse, LILIN twist zoom keyboard or IR remote control, easy to navigate menus are provided. Motion detection, weighted and scheduled recording. Audio recording and playback, WS discovery for easy network discovery. NVR1400 supports USB, network backup, and HDMI output. Full NAV support, web-based remote viewing & iPhone and Android support.The NVR1400 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 :

- 16 Channel network camera Input
- Up to 1080P 60 FPS network camera support
- Network redundancy supported
- Internal HDD up to 24TB supported
- RAID 0 / 1 / 5 supported
- External e-SATA storage supported
- HDMI and VGA output up to 1920×1080P
- Multi-touch screen support
- Mobile phone (iOS, Android) solutions provided

DIMENSIONS : (Unit : mm)

434× 352× 63mm

434

352

63

www.meritlilin.com

Creativity
Progress &
Excellence

SPECIFICATION :

Name		NVR 1400 Stand Alone RAID Storage System Network Video Recorder
Models		NVR1400
IP Video Input	Supports	Network camera / ONVIF Profile S / DVR / NVR / Video encoder / NAVIGATOR
	Input	16CH
	Resolution	CIF / VGA / D1 / 960H / 1M / 1.3M / 1080P / 3M
	Max. Frame Rate	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
	Multi-Touch	Support USB multi-touch Screen
	Backlight Saving	Adjustable idle time 30~60 sec.
Recording	Encode	H.264
	Max. Network Through Put	48Mbps
	Resolution	CIF – 3M
	Frame Rate	Single channel up to 1080P 60 FPS
	Mode	Manual, schedule(continue, event, none)
	Schedule	Each channel 7day × 24 hours time table, recording mode configurable
	Event	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	400FPS
	Resolution	CIF – 3M
	Max. Frame Rate	Up to 1080P 60FPS
	Speed	Fast rewind 2×~64× / Fast forward 2×~64× / Step Forward
Storage	Internal HDD	MAX. 4 × 3.5" HDD (Up to 6TB supported)
	RAID	RAID 0 : 2 or 4 HDDs installed. RAID 1 : 2 HDDs installed, HDD 1st. and 2nd be a RAID, and another 1HDD for spare is available(3HDDs) RAID 5 : 4 HDDs installed, support 1 HDD to be spare(3 HDDs RAID5 , 1 HDD spare), or 4 HDDs RAID5
	eSATA	eSATA connector × 1, up to 16TB external storage supported
Backup	USB Flash Disk	Up to 32 GB
	Network	Via HTTP / FTP
	DVD/RW	External USB DVD/RW
Audio	Input	16 CH(network camera), G.711 8K
Network	Ports	RJ-45 X 2; Gigabit Ethernet X 1, 100Mbps X 1, ethernet failure redundancy supported
	Protocols	ARP / TCP/IP / UDP / HTTP / SMTP / FTP / DDNS / PPPoE / NTP / RTP / RTSP / DHCP/ Onvif Profile S
	Web	Direct internet browser access / Multiple users access
	Mobile Phone	iOS / Android supported
	IPScan / WS-Discovery	WS-Discovery and IP Scan, Automatically quick IP address setup for network cameras
Software	CMS	NAVIGATOR
	Backup / Playback	Remote Playback Manager / Backupman, multiple NVRs file download and multi-channel playback
Alarm	Ports	DI × 2 and DO × 2 (NO / NC)
System	Reports	Alarm event, operation and configuration full reports exporting over HTTP or USB
	Authentication	User authentication with feature configurable
	Multi-Language	English, Traditional Chinese, German, Italian, Portuguese, Spanish, French, Turkish, Hungarian, Polish, Russian, Arabic, Simplified Chinese
	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 / Keyboard
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
	Audio Output	RCA × 1 (0.7Vp-p, 300 Hz to 3KHz)
	Keyboard	PIH-931D keyboard
Others	CPU/OS	ARM Cortex A9 800 MHZ, Embedded Linux Kernel 2.6
	WDT	Hardware watchdog timer
Power and Working Env.	Power	DC 12V, 6.67A, 80W
	Working Env.	Temp : 0°C – 45°C / Humidity : 5%–80%
	Dimension (W×L×H)	434× 352× 63mm
	Weight	4 Kg (w/o HDD)