LILIN

PoE NVR

EVR-3104E — 4 CH PoE 4K Standalone Network Video Recorder

- H.265 / H.264
- Taiwan Chipset
- 4K HD
- P2P
- HDMI
- 10TB HDD

▶ Taiwan chipset
▶ 4 Channel H.264/H.265 network camera Input
▶ Up to 4K H.264/H.265 network camera support
▶ 4 Port PoE, automatic network camera plug and play
▶ Internal HDD up to 10TB supported
▶ HDMI 1.4 (4K 30P) / VGA 1080P output
▶ P2P QR code UID connection for APP and Navigator
▶ Network maximum input through up to 32Mbps

Introduction

The EVR-3104E standalone NVR is the cost-effective choice of LILIN PoE NVR series. No IP addresses' configuration for cameras is needed. The EVR-3104E is built-in PoE for powering PoE cameras. The EVR-3104E supports up to 4 channels Ultra HD (4K) camera recording that the Ultra High Definition, 4K or 8 Megapixels video is four times clearer than traditional 1080p. Along with its low power consumption and all-in-one sleek design, the EVR-3104E provides users a simple, affordable yet professional solution for megapixel surveillance in the mainstream markets such as SMBs, retail, hospitality, and intelligent buildings.

4 CH PoE 4K Standalone Network Video Recorder

IP vdeo input

Model	EVR-3104E
Supports	Network camera / ONVIF Profile S / DVR / NVR / Video encoder / Navigator
Input	4 CH
Resolution	4K / 5M / 4M / 3M / 1080P / 1.3M / 1M / 960H / D1 / VGA / CIF
Maximum Frame Rate	120 FPS

Video output

Output	HDMI 1.4 (4K 30P) / VGA 1080P
Spot Monitor	HDMI & VGA sync output
Spot Monitor	HDMI & VGA sync output
Split Screen	1 / 4 split division, sequence mode, freeze, alarm display
Digital Zoom	Up to 64× on live and playback

Recording

Encode Format	H.264 / H.265
Maximum Network Throughput	32Mbps
Resolution	CIF ~ 4K
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

Playback

Search	Alarm event / Operation event / System event / Meta data event / Time search
Display	4CH synchronous playback
Resolution	CIF ~ 4K
Max. Frame Rate	Up to 1080P 60FPS
Speed	Fast rewind 2× ~ 16× / Fast forward 2× ~ 16× / Slow motion 1/2 ~ 1/16

Storage

Internal HDD / Swap Drive Bay	1 × 3.5" HDD (Up to 10TB supported)

Backup

USB Flash Disk	Up to 128 GB supported
Network Backup	Via HTTP / FTP / Network Places

Audio

Audio Input	4 CH (Network camera), G.711a
Audio Output	RCA × 1 (0.7Vp-p, 300 Hz to 3KHz)
Network Camera Two Way Audio	Yes

Network

Ports	RJ-45 Gigabit Ethernet × 1, RJ-45 100Mbps PoE × 4 (802.3af)
Protocols	ARP / TCP/IP / UDP / HTTP / HTTPS / SMTP / SNMP / FTP / DDNS / PPPoE / NTP / RTP / RTSP / DHCP/ 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	Network camera plug and play via PoE port, otherwise WS-Discovery and IP Scan, automatically quick IP address setup for network cameras also available
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

System

Reports	Alarm event, operation, configuration and system execution log full reports exporting over HTTP or USB
Authentication	User authentication with feature configurable and IP address blocking
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/ IO read write error
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
Mouse	Mouse click, drag and scroll
Microphone	USB Mic (Optional)

Others

CPU	ARM Cortex A9 Dual Core
OS	Embedded Linux Kernel 4.9
WDT	Hardware watchdog timer
CE	Yes
FCC	Yes, EMI Class A

Power and working environment

Power supply	DC 48V 1.2A for HDDs and cameras
NVR Consumption (without HDD)	4W
Operating Temperature	0°C ~ 40°C
Operating Humidity	5% ~ 80%
Dimension (W×L×H)	300 × 227 × 53 mm
Weight	≈2.4 KG (Without hard drive)