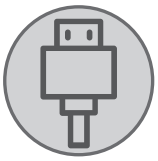
64 CH 4K 2U 19" Rackmount Standalone Network Video Recorder

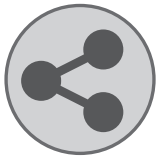
NVR7864

www.meritlilin.com

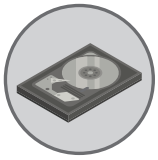
H265 H264


HDMI

4K UHD


P2P

APP


16TB HDD

Introduction

The NVR7864 standalone NVR is the next generation of LILIN professional NVR series. The NVR7864 supports up to 64 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 NVR7864 provides users a simple, affordable yet professional solution for megapixel surveillance in the mainstream markets such as SMBs, retail, hospitality, and intelligent buildings.

Features

- 64 Channel H.264 / H.265 network camera Input
- Up to 4K H.264 /H.265 network camera support
- Up to 1080P 120 FPS network camera support
- Up to 16TB HDD supported
- HDMI 2.0 4K 60P / VGA 1080P 60fps output
- P2P QR code UID connection for APP and Navigator
- External e-SATA storage supported
- Mobile phone iOS, Android solutions provided
- Network input throughput up to 352Mbps RAID 160Mbps
- Software RAID 1/5/6 supported
- 19" 2U Rackmount
- Chrome, Edge, Firefox, IE, Opera, Safari supported
- GPS communications

Technical Specifications

NVR7864

IP vdeo input	
Supports	Network camera / ONVIF Profile S / ONVIF Profile G/ DVR / NVR / Video encoder / Navigator
Input	64 CH
Resolution	4K / 5M / 4M / 3M / 1080P/ 1.3M / 1M / 960H / D1 / VGA / CIF
Maximum Frame	1920 FPS
Video Output	
Output	25X Optical
Spot Monitor	HDMI Main & VGA Spot / HDMI & VGA Sync
Split Screen	1 / 4 / 8 / 9 / 12 / 13 / 16 / 25 / 32 / 36 / 64 split division, sequence mode, freeze, alarm display
Digital Zoom	Up to 64x on live and playback
Recording	
Encode Format	H.264 / H.265
Maximum Network Throughput	352Mbps (RAID 160Mbps)
Resolution	CIF ~ 4K
Frame Rate	Single channel up to 1080P 120 FPS
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
Metadata options	POS RFID AND PIN CONTROLLER BARCODE SCANNER GPS LPR (Denial, Allowed, Vistor) AI Camera IVS Camera
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	32CH synchronous playback
Resolution	CIF ~ 4K
Max. Frame Rate	Up to 1080P 120FPS
Speed	Fast rewind 2× ~ 64× / Fast forward 2× ~ 64× / Slow motion 1/2 ~ 1/16
Storage	
Internal HDD / Swap Drive Bay	8 × 3.5" HDD (Up to 16TB supported)
eSATA	eSATA connector × 2 (Up to 32TB external storage supported, each 16TB)
RAID	Software RAID 1/5/6 supported
Backup	
USB Flash Disk	Up to 128 GB supported
Network Backup	Via HTTP / FTP / Network Places
Audio	
Audio Input	64 CH (Network camera), G.711 u-law 8K & AAC
Audio Output	RCA × 1 (0.7Vp-p, 300 Hz to 3KHz)
Network Camera Two Way Audio	Yes
Network	
Ports	RJ-45 Gigabit Ethernet × 2 (Ethernet failure redundancy or sharing supported)
Protocols	ARP / TCP/IP / UDP / HTTP / HTTPS / SMTP / SNMP / FTP / DDNS / PPPoE / NTP / RTP / RTSP / DHCP/ ONVIF Profile S / ONVIF Profile G
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 / WSDiscovery	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 multi-channel playback
Watermark	support digital watermark feature to ensure the backup footage is not got forged and modified
Alarm	
Alarm/event (Ports)	DI × 16 and DO × 4 (With programmable condition)
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, Slovakian, Bulgarian, Danish, Czech
HDD Inspection	S.M.A.R.T monitoring / File system defragmentation/ IO read write error
Recording Day	Automatic recording day calculator
Time	Daylight saving / NTP Client / NTP Server / External USB GPS time sync / Keyboard
Accessories	
PTZ Protocols	HTTP / ONVIF
Keyboard	Support PIH-931D keyboard input (Connector box required)
USB to RS-232	Record external metadata via USB to RS-232 cable, display at live and playback
RS-485	One set for keyboard controller
Remote Control	Remote controller addressable up to 255 NVRs (Optional)
Mouse	Mouse click, drag and scroll
Microphone	USB Mic (Optional)
WiFi / 4G Dongle	WiFi and 4G external USB dongle supported (Certified brand only)
USB GPS Receiver	Support
Others	
CPU	ARM Cortex A55 8 Core
OS	Embedded Linux Kernel 5.10
WDT	Hardware watchdog timer
CE	Yes, EMI Class A
FCC	Yes, EMI Class A
UKCA	Yes, EMI Class A
Power and working environment	
Power supply	AC 100 ~ 240V 60 ~ 50HZ 6.3A
NVR Consumption (without HDD, Camera)	≤ 12W
Operating Temperature	0° C ~ 45° C
Operating Humidity	5% ~ 80%
Dimension (W×L×H)	438 × 451 × 87 mm
Weight	≈7.5 KG (Without hard drive)
Warranty	
Warranty	3 Year(s)

Copyright © Merit LILIN 2023 | All rights reserved |
Product specifications and availability are subject to change without notice