

## DS-96064NI-E 64 Channel, 400Mbps Embedded NVR with RAID 0,1,5 and 10



### Key Features

- Up to 8 Mp Resolution Recording
- 3th-Party Network Camera Support
- Smart Search
- Smart Playback
- 400Mbps Incoming Bandwidth
- N+1 Failover Recorder Support
- Up to 24 SATA Interface (-E24 Model)
- RAID 0,1,5 and 10 Support
- 4 TB SATA Disk Support
- Dual-OS System Support
- Up to 6 HDMI Output (-H Model)
- Redundant Power Supply
- 16x Digital zoom

DS-96000NI-E series NVR (Network Video Recorder) is a new generation recorder developed by HAIKON independently. Combined with multiple advanced technologies, such as audio and video decoding technology, embedded system technology, storage technology, network technology and intelligent technology, it can both work alone as a recorder and cooperate with other device to build a comprehensive surveillance system.

**Sub-Stream Recording :** Either main stream or sub stream can be configured as recording stream to meet different customers recording requirements.

**Smart NVR :** The HAIKON DS-96000NI-E Series NVR is fully compatible with 4-Line cameras and support access to smart IPC over 4-Line cameras. Trigger recording when Video or Audio Analysis event occurs, and event info can be saved for later Video/Audio Analysis search, playback, or backup. Supported smart features are intrusion detection, traversing virtual plane, defocus detection, scene change, face detection and high volume detection.

**Smart Playback Video :** Increase the playback efficiency by playing the video footage with event info at normal speed and video footage without event info at 16x speed.

**Smart Search Video :** The DS-96000NI-E series NVR Smart search supports three types of smart search: traversing virtual plane, intrusion detection, and motion detection.

**Edge Recording / ANR:** The DS-96000NI-E series NVR with the ANR function can automatically store the video data on the 4-Line IPC camera when network is disconnected and after the recovery of the network, it synchronizes and retrieves the data stored on the camera back to the NVR.

**Flexible HDD Sleeping Option:** The DS-96000NI-E series NVR support HDD sleeping option. This is provide you prolong HDD's service lifetime and reduce total cost of system.

**N+1 Hot Spare Mode:** The DS-96000NI-E series NVR support n+1 hot spare mode. Which is provide you full failover and more secure system design. The hot spare is failover NVR that is on active standby in case an NVR fail.

**Dual-OS System Support :** Adopt pioneering dual-OS design to ensure the security of system running.

## DS-96064NI-E Embedded NVR Technical Specification

Processor	64-bit Multi-core processor
High-speed buffer	4GB (expandable to 8GB)
IP Video Input	64 Channel
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1kΩ)
Incoming / outgoing bandwidth	400 Mbps / 400 Mbps
Recording resolution	8MP / 5MP / 3MP / 1080P / UXGA / 720P / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
Failover recorder	Support
Smart playback	Support
Smart search	Support
Remote PTZ control	Support
Recording format	H.264 Main/Baseline/High Profile, MPEG4
Standard	ONVIF, PSIA, CGI
LCD Output	7" LCD touch screen ( <b>supported by -H models by default, and optional for other models</b> )
Protocols	TCP/IP protocol, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS,iSCSI ,HTTPS TCP, UDP and RTP for unicast , RTSP, IPv6 , Auto/Manual port mapping by UPnP, Multicast
HDMI output	2-ch ( <b>-H models support 6-ch</b> ) HDMI 1&2 support 16-window division, and HDMI 3-6 support 4-window division.
VGA output	1-ch
Audio output	1-ch, RCA (2.0 Vp-p, 1kΩ)
Audio Compression	G.711/ G.722.1/ G.726/ MP2L2
Playback resolution	8MP / 5MP / 3MP / 1080P / UXGA / 720P / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
Synchronous playback	8 Channel, 1080p ( <b>-H Models 24 Channel,1080p</b> )
SATA	16 SATA interfaces for 16 HDDs ( <b>-E24 Model 24 SATA interfaces for 24 HDDs</b> )
eSATA	1 eSATA interfaces for external storage connection
miniSAS (optional)	1 miniSAS interface
Capacity	Up to 4 TB capacity for each disk
Disk Array Type	RAID0, RAID1, RAID5, RAID10
Network interface	4 RJ-45 10 / 100 / 1000 Mbps self-adaptive ethernet interfaces
Optic fiber interface	4 1000 Mbps optic fiber interfaces
Serial interfaces	1 RS-232 interface (for parameters configuration, maintenance, transparent channel); 1 RS-485 interface (reserved); 1 RS-485 keyboard interface (for special keyboard control ,PTZ)
USB interface	3 x USB2.0, 2x USB3.0
Alarm in / out	16 /8
Power supply	100 ~ 240 VAC, 6.3A, 50 ~ 60Hz / dual - redundant, hot swappable
Consumption	≤ 300W ( <b>24 SATA Model ≤ 450W</b> )
Working temperature	-10°C ~ +55°C (14 °F ~ 131 °F)
Working humidity	10% ~ 90%
Chassis	19-inch rack-mounted 3U chassis ( <b>24 SATA Model 4U chassis</b> )
Dimensions (W x D x H)	445 × 496 × 146 mm ( <b>24 SATA Model 447 × 528 × 172 mm</b> )
Weight	≤ 15.86 kg ( <b>24 SATA Model ≤ 20.80 kg</b> )
Certification	CE EN 55022(CLASS B),EN50130-4,EN61000-3-2,EN 61000-3-3 UL&cUL 60950-1 and CSA C22.2 No. 60950-1-07 C-TICK

## Ordering Information

DS-96064NI-E16	64-Ch, 400 Mbps Embedded NVR, RAID 0.1.5.10, hot swappable, 16 SATA, Failover Support, Redundant Power Supply, 2xHDMI Output, 19" Rack Mount, 220VAC
DS-96064NI-E16H	64-Ch, 400 Mbps Embedded NVR, RAID 0.1.5.10, hot swappable, 16 SATA, Failover Support, Redundant Power Supply, <b>Embedded 7" LCD Display, 6x HDMI Output</b> , 19" Rack Mount, 220VAC
DS-96064NI-E24	64-Ch, 400 Mbps Embedded NVR, RAID 0.1.5.10, hot swappable, <b>24 SATA</b> , Failover Support, Redundant Power Supply, 2xHDMI Output, 19" Rack Mount, 220VAC
DS-96064NI-E24H	64-Ch, 400 Mbps Embedded NVR, RAID 0.1.5.10, hot swappable, <b>24 SATA</b> , Failover Support, Redundant Power Supply, <b>Embedded 7" LCD Display, 6x HDMI Output</b> , 19" Rack Mount, 220VAC

### Headquarters

No.555 Qianmo Road, Binjiang District,  
310051, Hangzhou, China.

Tel : +86-571-8807-5998

E-mail : [overseabusiness@hikvision.com](mailto:overseabusiness@hikvision.com)