

## DS-96064NI-I16

### Network Video Recorder



- H.265+, H.265, H.264+, H.264, MPEG4 Video Formats
- Up to 12 Megapixel Resolution Recording
- 4 K (3840 x 2160) Resolution for both HDMI Ports, and 1080p Resolution for VGA Port
- Connect Up to 64 IP Cameras with 512 Mbps Incoming and Outgoing Bandwidth
- Up to 16 SATA HDD and 1 eSATA Interface for Record and Backup
- Redundant Power Supply To Improve System Stability (2 Power Supplies Included)
- HDD Hot-Swap with Configurable RAID0, RAID1, RAID5, RAID6, RAID10
- VCA Detection Alarm and VCA Search
- RS-485 Control Hikvision-C
- Instant Camera Playback During Multi-Channel Live View
- 16-ch Synchronous Playback
- Reverse Playback for Multi-Channels
- Smart Search and Playback for Efficiency
- Customization of Tags, Searching, and Playing Back by Tags
- Alarm I/O, 16/8
- HDD Quota and Group Management
- HikConnect DDNS (Dynamic Domain Name System)
- Third-Party Network Cameras Supported

Professional Series DS-96064NI-I16 NVRs support Hikvision's high-performance features, such as 4K 12 MP video resolution, VCA search analytics, as well as Smart search and playback. They feature new H.265+ compression technology, which improves recording efficiency and reduces data storage costs.

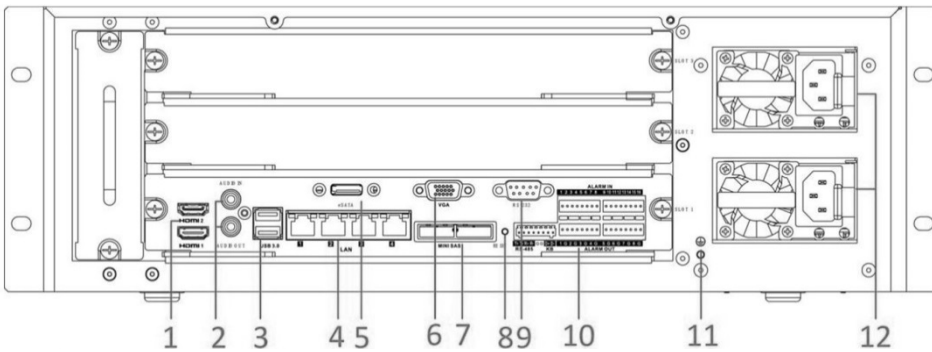
Additionally, DS-96064NI-I16 NVRs support up to 512 Mbps incoming and outgoing bandwidth, and use ANR technology, which enhances storage reliability when the NVR is disconnected from the network.

**Available models:** DS-96064NI-I16

# Specifications

<b>DS-96064NI-I16</b>	
<b>Video / Audio Input</b>	
IP Video Input	64-ch
Incoming / Outgoing Bandwidth	512 Mbps / 512 Mbps
Incoming / Outgoing Bandwidth (RAID Mode)	512 Mbps / 400 Mbps
TLS Outgoing Bandwidth	128 Mbps or 64 Mbps (when RAID is enabled)
Protocol	Hikvision, ACTi, Arecont, Axis, Bosch, Brickcom, Canon, Hunt, ONVIF (Version 2.5), Panasonic, Pelco, Rtsp, Samsung, Sony, Vivotek, Zavio
<b>Video / Audio Output</b>	
HDMI Output	Two independent HDMI outputs, each of which supports 4K resolution. Resolution: 4K (4096 × 2160) / 30 Hz, 2K (2560 × 1440) / 60 Hz, 1080p (1920 × 1080) / 60 Hz, UXGA (1600 × 1200) / 60 Hz, SXGA (1280 × 1024) / 60 Hz, 720p (1280 × 720) / 60 Hz, XGA (1024 × 768) / 60 Hz
VGA Output	1-ch. Resolution: 1080p (1920 × 1080) / 60 Hz, UXGA (1600 × 1200) / 60 Hz, SXGA (1280 × 1024) / 60 Hz, 720p (1280 × 720) / 60 Hz, XGA (1024 × 768) / 60 Hz
LCD Output (optional)	One 7 inch LCD
Audio Output	1-ch. RCA (2.0 Vp-p, 1 kΩ)
<b>Video / Audio Decoding</b>	
Decoding Format	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)
Video Resolution	12 MP / 8 MP / 7 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
Synchronous Playback	Up to 16 channels
Capability	20-ch @ 1080p
<b>Hard Disk</b>	
Interface	16 SATA interfaces
Capacity	Up to 12 TB
Storage Extension	1 × eSATA interface, 2 × mini SAS interface (optional)
<b>RAID</b>	
RAID Type	RAID0, RAID1, RAID5, RAID6, and RAID10
<b>Network Management</b>	
Protocol	IPv6, HTTPS, UPnP, SNMP, NTP, SADP, SMTP, NFS, iSCSI, PPPoE, DDNS
Network Interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface
<b>External Interface</b>	
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
Serial Port	1 RS-485, Keyboard
USB Interface	Front Panel: 2 × USB 2.0; Rear Panel: 2 × USB 3.0
Alarm Input / Output	16/8
Extension Board (Optional)	One extension board contains four 10M/100M/1000M optical interfaces (1.25 Gbps SFP module), eight RS-485 interfaces, and an alarm interface with 32 alarm inputs and 16 alarm outputs.
<b>General</b>	
Power Supply	100 to 240 VAC, 550 W (2 power supplies included – material code #101700476)
Fan	Redundant dual ball bearing fan; speed adjustable; hot-plug
Consumption (without HDD)	≤ 140 W
Working Temperature	32° F to 122° F (0° C to 50° C)
Working Humidity	10 to 90 %
Chassis	3U chassis
Dimensions (W x D x H)	17.4" x 19.4" x 5.7" (442 mm x 494 mm x 146 mm)
Weight (without HDD)	≤ 35.3 lbs (16 kg)

# Physical Interfaces



1. HDMI 1/2 Video Output	7. Mini SAS Interface (Optional)
2. Audio Input / Output	8. Reset Button
3. USB 3.0	9. RS-232 Interface
4. LAN	10. Alarm Input / Output; RS-485 Interface; Keyboard Interface
5. eSATA Interface	11. GND
6. VGA Video Output	12. Power Supply