

# DS-9600NI-ST Series

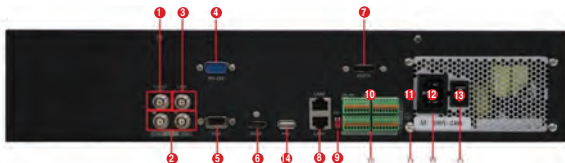
## Network Video Recorder (NVR)



### Key Features

- Up to 200 Mbps Incoming Bandwidth (32/64 ch)
- Third-Party Network Cameras Supported
- Up to 6 Megapixels Resolution Recording
- Independent HDMI and VGA Output at Up to 1920×1080p Resolution
- Dual Gigabit Network Interfaces
- 8 SATA, 1 eSATA, 3 USB 2.0 and DVD-RW Support

### Rear Panel of DS-9600NI-ST



1. Video out
2. CVBS audio out and VGA audio out
3. Line in
4. RS-232 serial interface
5. VGA interface
6. HDMI interface
7. eSATA interface
8. LAN1, LAN2 network interface
9. Termination switch
10. RS-485 serial interface, keyboard interface, alarm I/O
11. GND
12. 100 to 240 VAC Power Input
13. Power Switch
14. USB Interface

### Order Models

DS-9616NI-ST  
DS-9632NI-ST  
DS-9664NI-ST

|                               | DS 9616NI ST                                                                                  | DS 9632NI ST                  | DS 9664NI ST |
|-------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------|--------------|
| Video/Audio Input             |                                                                                               |                               |              |
| IP Video Input                | 16-ch                                                                                         | 32-ch                         | 64-ch        |
| Compression Format            | H.264, H.264+                                                                                 |                               |              |
| Two-Way Audio Input           | 1-ch, BNC (2.0 Vp-p, 1 k Ω)                                                                   |                               |              |
| Incoming Bandwidth            | 100 Mbps (100 Mbps w/RAID)                                                                    | 200 Mbps (100 Mbps with RAID) |              |
| Outgoing Bandwidth            | 240 Mbps                                                                                      | 160 Mbps                      |              |
| Remote Connection             | 128                                                                                           |                               |              |
| Video/Audio Output            |                                                                                               |                               |              |
| Recording Resolution          | 6 MP/5 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF                                    |                               |              |
| CVBS Output                   | 1-ch, BNC (1.0 Vp-p, 75 Ω)<br>Resolution: 704 × 480 (NTSC)                                    |                               |              |
| HDMI Output                   | 1-ch, resolution: 1920 × 1080p, 1600 × 1200, 1280 × 1024, 1280 × 720, 1024 × 768, independent |                               |              |
| VGA Output                    | 1-ch, resolution: 1920 × 1080p, 1600 × 1200, 1280 × 1024, 1280 × 720, 1024 × 768, independent |                               |              |
| Audio Output                  | 2-ch, BNC (linear, 600 Ω)                                                                     |                               |              |
| Decoding                      |                                                                                               |                               |              |
| Live View/Playback Resolution | 6 MP/5 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF                                    |                               |              |
| Capability                    | 16-ch @ 720p, 8-ch @ 1080p                                                                    |                               |              |
| Hard Disk                     |                                                                                               |                               |              |
| SATA                          | 8 SATA interfaces for 4 HDDs (default) + 1 DVD-R/W (option), or 8 HDDs                        |                               |              |
| eSATA                         | 1 eSATA interface                                                                             |                               |              |
| Capacity                      | Up to 6 TB capacity for each disk                                                             |                               |              |
| Disk Array                    |                                                                                               |                               |              |
| Array Type                    | RAID 0, RAID 1, RAID 5, RAID 10                                                               |                               |              |
| Number of Arrays              | 8                                                                                             |                               |              |
| Number of Virtual Disks       | 8                                                                                             |                               |              |
| External Interface            |                                                                                               |                               |              |
| Network Interface             | 2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces                                    |                               |              |
| Serial Interface              | RS-232; RS-485; keyboard                                                                      |                               |              |
| USB Interface                 | 3 × USB 2.0                                                                                   |                               |              |
| Alarm In/Out                  | 16/4                                                                                          |                               |              |
| Standards                     | Complies with ONVIF (Profile S), PSIA, CGI ASAPI                                              |                               |              |
| General                       |                                                                                               |                               |              |
| Power Supply                  | 100 to 240 VAC, 6.3 A, 50 to 60 Hz                                                            |                               |              |
| Consumption                   | ≤ 45 W (without HDD)                                                                          |                               |              |
| Working Temperature           | -10° C to +55° C (14° F to 131° F)                                                            |                               |              |
| Working Humidity              | 10% to 90%                                                                                    |                               |              |
| Chassis                       | 19-inch rack-mounted 2U chassis                                                               |                               |              |
| Dimensions (W x D x H)        | 445 mm × 470 mm × 90 mm                                                                       |                               |              |
| Weight                        | ≤ 8 ka/17.64 lb (without hard disk or DVD-R/W)                                                |                               |              |