

Secure Your Critical Projects

Ensure excellent system reliability and easy maintenance for large applications.

Linux Platform &
RAID Function

Up to 128CH
Full HD Cameras

SAS JBOD
for Local Expansion

Surveon
Enterprise VMS

Surveon NVR7300 Series

NVR7312/NVR7316 - 128-ch Mission Critical Storage NVR

Features

- Support up to 128CH 5MP (or above) cameras without frame drop, total recording throughput - 768Mbps
- Built-in SAS JBODs and iSCSI for storage expansion
- Support 14x 3U 16-bay JBOD (total 240HDDs) or 5x 4U 60-bay JBOD (total 316HDDs)
- Server-storage design for best cost-performance ratio
- Cableless design with hot swappable redundant components for easy maintenance
- Built-in H/W RAID function for data protection
- Intuitive set-up page for hassle-free installation

Surveon Proven End to End Solutions

Surveon Linux-based RAID NVR7300 Series, adding another powerful option to the existing Corporate series product line. Supporting up to 128CH 1080P full HD cameras with non-stop recording and 12 or 16-bay hot-swappable HDDs, NVR7300 Series is an ideal surveillance solution for performance-driven applications such as airport and train station.



Network Camera



Subsystem Storage



Smart Megapixel NVR



Video Management

3rd Party Camera Supported:



and more.

Surveon NVR7300 Series

NVR7312/NVR7316 - 128-ch Mission Critical Storage NVR

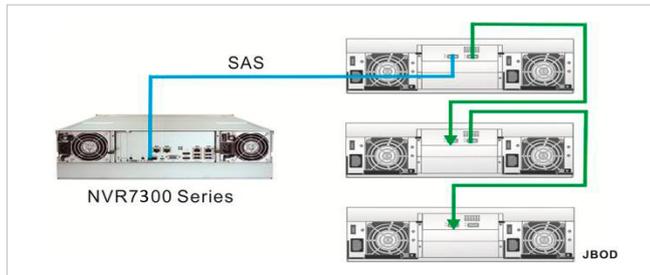
Technical Specifications

| Model | | NVR7312A1 | NVR7316A1 |
|-------------------------|---------------------|---|--|
| System | Main Processor | Intel® Xeon E3 Quad Core 3.2GHz | |
| | Operating System | Linux | |
| Storage | Internal HDD | 12 | 16 |
| | RAID | RAID 1, 5, 6, 1+Spare, 5+Spare, 6+Spare | |
| | SAS Expansion | 1x 6G SAS Expansion Port | |
| Video | IP Camera Input | 32 / 48 / 64 / 96 / 128 | |
| | Output | 2x HDMI, 1x VGA | |
| Alarm | Input/Output | 8/2 | |
| Display | Resolution | 1920 x 1080, 1280x1024, 1280x720, 1024x768 | |
| | Display Split | 1 / 4 / 5 / 7 / 9 / 10 / 16 / 32 | |
| Recording | Resolution | 5M / 3M / 1080P / 720P / D1 | |
| | Record Rate | 1920 fps @ 1080P | |
| | Bit Rate | 768 Mbps | |
| | Record Mode | Always, Motion, Event | |
| Video Detection & Alarm | Video Intelligence | 10 Advanced Video Analytics Engines | |
| Playback & Backup | Playback Channel | 16 | |
| | Search Mode | Date / Time, Event, VI | |
| Network | Ethernet | 2 x RJ-45 Port (100/1000) | |
| General | Power Supply | Input Voltage: 100V~240V | |
| | Power | Dual Redundant PSU (460)W | |
| | Working Environment | Humidity: 5% to 80% (non-condensing) Temperature: 5C° to 35°C | |
| | Dimension | 2U 19-inch rackmount with chassis ears: (H)88.00mm x (W)447.40mm x (L)524.41mm | 3U 19-inch rackmount with chassis ears: (H)130.00mm x (W)447.40mm x (L)524.20mm |
| | Weight | 13.60kg/ 29.98lbs (without HDDs) | 21.54kg/ 47.49lbs (without HDDs) |

Surveon NVR7300 Series Feature Highlights

• Storage Expandability

Support 14x JBOD 3U 16-bay (total 240HDDs) or 5x JBOD 4U 60-bay (total 316HDDs) two options.



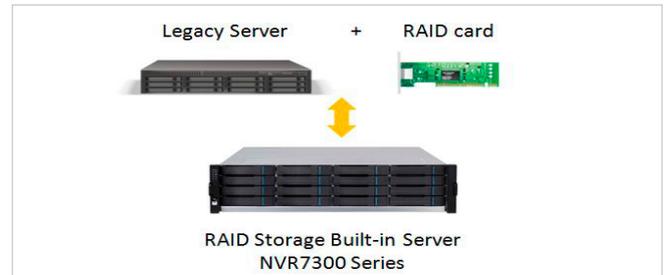
• Swappable Modules

Low maintenance modular design to prevent accidental disconnections or loose cables.



• Multi-functional Combination

The Server + Storage design provides high integration with other devices for system stability.



• Smooth Performance

Patented read/ write technology to guarantee performance during drive IO delay.

