



S2 NetVR® 400 Series

Overview

S2 NetVR 400 series video management systems support up to 64 IP cameras and up to 48TB of video storage. Real-time video monitoring and recorded video playback are accessible from a client or mobile app. S2 NetVR 400 series systems are available in RAID 5 or 6 storage configurations, making them well suited for mid-sized deployments and large, distributed enterprises with RAID storage requirements.

S2 NetVR 400 series video management systems are available as stand-alone systems and can also tightly integrate with S2 NetBox® access control systems. Real-time video surveillance and recorded video playback are unified with the activity log in the user interface. Additional features include on-screen PTZ controls and integration of live video views into floor plan graphics. By clicking on an icon in the activity log, users can instantly play back recorded video associated with an event and save it to the case library.

Multiple S2 NetVR 400 series servers can be managed with the S2 Magic Monitor® client or connect to a single S2 NetBox controller, allowing the system to easily scale with organizational growth.

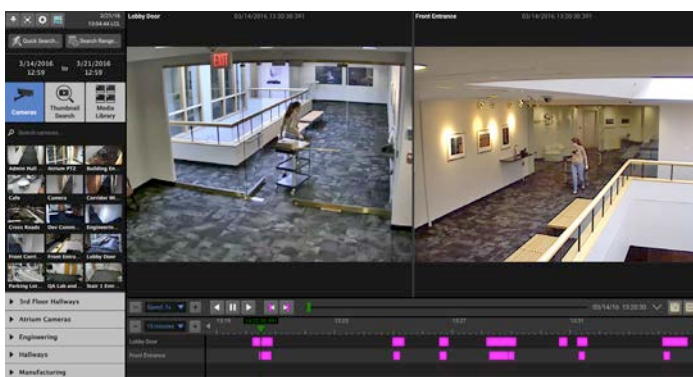
Key Features

Video Management

- **Cameras:** Supports up to 64 IP cameras
- **Storage:** Supports up to 48TB of internal RAID 5 or 6 video storage
- **Real-Time Surveillance:** Allows for live video tours and on-screen PTZ controls using S2 Magic Monitor
- **Forensic Search:** Locates video of interest with a single click and saves it to the case library

System

- **IP Video Server:** Delivers real-time and recorded video to a client or mobile app
- **Access Control Integration:** Integrates with S2 access control systems for unified system management and administration
- **Customizable Monitoring Displays:** Provides customization of real-time monitoring displays, with single or multi-camera views
- **Mobile App:** Allows for mobile security management using S2 Mobile Security Officer®



Easily search, review and catalog video with Magic Monitor Forensics.

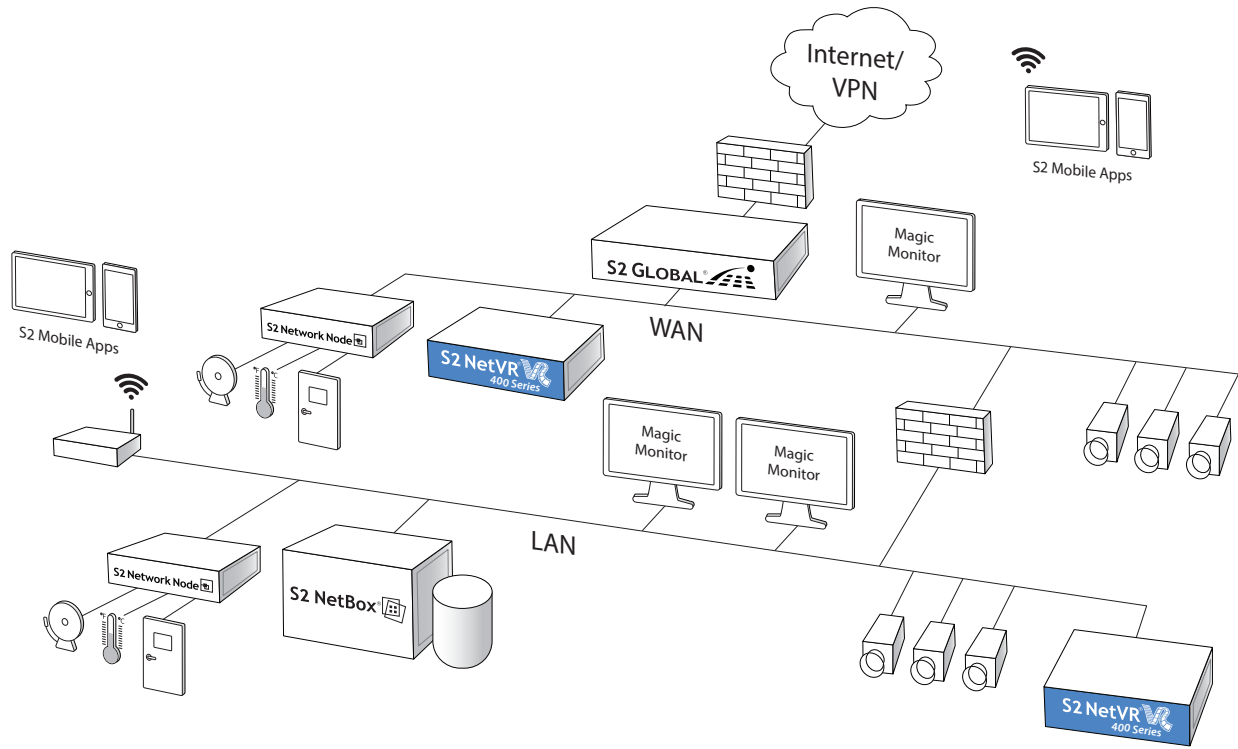
Specifications - S2 NetVR 400 Series

S2 NetVR 425

S2 NetVR 450

| Video Management | | |
|--|--|--|
| IP Camera Streams | Up to 64 | Up to 64 |
| IP Camera Resolution | IP camera dependent | IP camera dependent |
| IP Camera Frame Rate | IP camera dependent | IP camera dependent |
| Compression Type | H.264 | H.264 |
| Appliance | | |
| Video Storage | 32TB maximum capacity using 4TB hot swappable 3.5in drives | 48TB maximum capacity using 4TB hot swappable 3.5in drives |
| Storage Configuration | RAID 5/6 | RAID 5/6 |
| Processor | Intel Xeon E3-1220v3 | Intel Xeon E3-1220v3 |
| Memory (RAM) | 8GB | 8GB |
| Operating System | Ubuntu Linux | Ubuntu Linux |
| OS/Application Storage | 80GB SSD minimum | 80GB SSD minimum |
| Ethernet Ports | 2, expandable to 4 | 2, expandable to 4 |
| Max Video Throughput (Aggregate Inbound) | 400 Mbps | 400 Mbps |
| MTBF | 43,300 | 43,300 |
| Chassis | Standard 2U rack mount, rail kit included | Standard 2U rack mount, rail kit included |
| Dimensions (H, W, D) | 3.5in x 19.0in x 26.78in (88.90mm x 482.60mm x 680.0mm) | 3.5in x 19.0in x 26.78in (88.90mm x 482.60mm x 680.0mm) |
| Weight | 47 lbs (21.4 kg) maximum | 52 lbs (23.6 kg) maximum |
| Operating Temperature | 50° – 95°F (10° – 35°C) | 50° – 95°F (10° – 35°C) |
| Storage Temperature | -40° – 158°F (-40° – 70°C) | -40° – 158°F (-40° – 70°C) |
| Operating Environment | Humidity 85%, non-condensing 35°C | Humidity 85%, non-condensing 35°C |
| AC Input | 100 – 240 VAC, 50/60 Hz, 6A/3A | 100 – 240 VAC, 50/60 Hz, 6A/3A |
| BTU Maximum | 1,228 per hour | 1,382 per hour |
| Regulatory Approvals | FCC, RoHS | FCC, RoHS |
| Warranty | 2 years, hardware; 1 year, software | 2 years, hardware; 1 year, software |
| Client Requirements | | |
| Operating System | Windows 10 or OS X Yosemite and later | Windows 10 or OS X Yosemite and later |
| Processor | Intel Core i3 or higher | Intel Core i3 or higher |
| Memory (RAM) | 8GB minimum | 8GB minimum |
| Hard Drive | 100GB minimum | 100GB minimum |
| Part Numbers | | |
| | S2-NETVR425 | S2-NETVR450 |
| | Supports up to 64 IP cameras and up to 32TB RAID 5/6 storage | Supports up to 64 IP cameras and up to 48TB RAID 5/6 storage |
| | IP camera licenses expandable up to 64 IP cameras; storage configurations available in 4TB increments. | IP camera licenses expandable up to 64 IP cameras; storage configurations available in 4TB increments. |

Schematic Diagram - S2 Security System



Schematic only. Not a network diagram.

For more information, please visit www.s2sys.com.

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