



# S2 NetVR® 500

## Overview

S2 NetVR 500 is a hybrid video management system that supports up to 32 analog cameras and up to 32 IP cameras. Real-time video monitoring and recorded video playback are accessible from a client or mobile app. The system supports up to 16TB of video storage.

S2 NetVR 500 is available as a stand-alone system 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.

For organizations that want to leverage legacy analog infrastructure and newer IP technology, S2 NetVR 500 is an ideal solution. In larger deployments, multiple S2 NetVR 500 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.

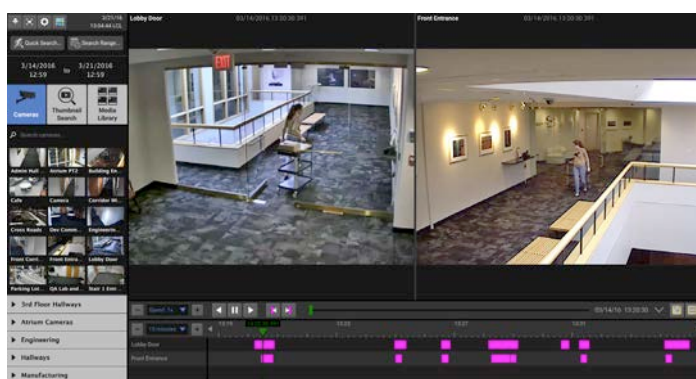
## Key Features

### Video Management

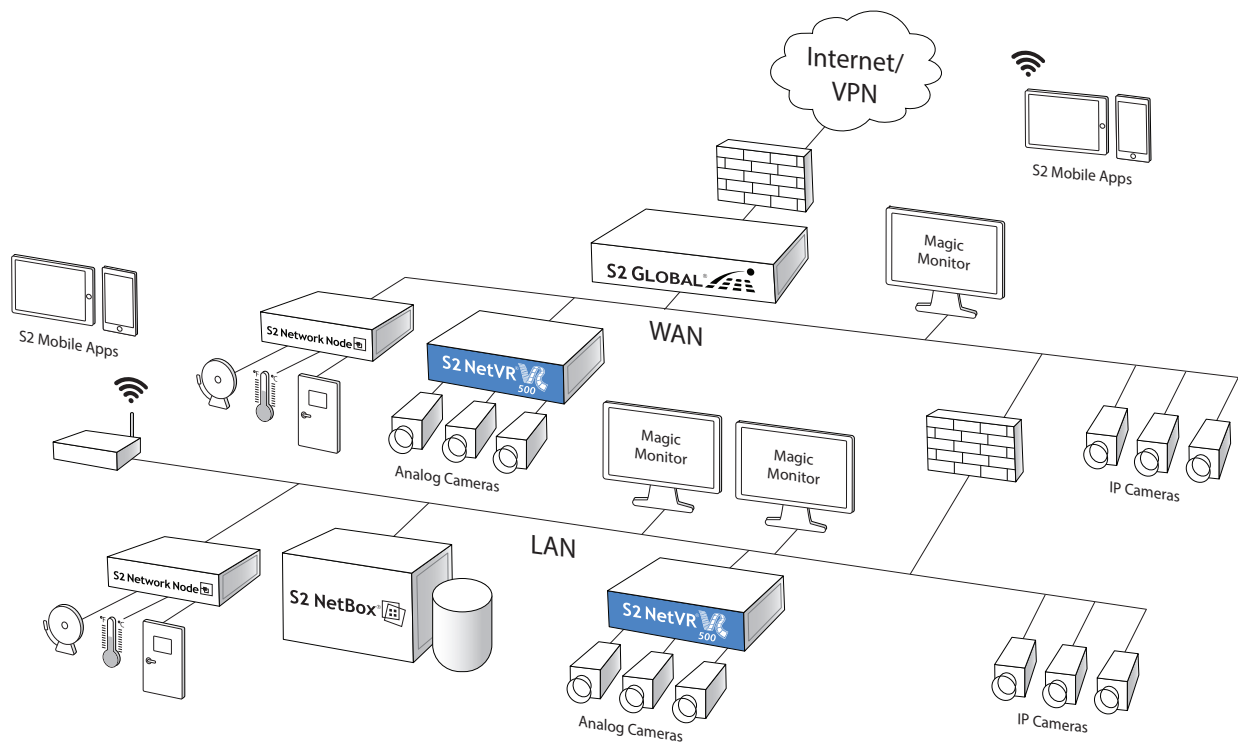
- **Cameras:** Supports up to 32 analog cameras and up to 32 IP cameras
- **Storage:** Supports up to 16TB of internal video storage
- **Real-Time Surveillance:** Allows for live video tours and on-screen PTZ controls using S2 Magic Monitor
- **Forensic Search:** Locates video of interest with a single 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.*



Schematic only. Not a network diagram.

## Specifications – S2 NetVR 500

### Video Management

<b>Analog Camera Inputs</b>	16 or 32 non-looping
<b>Analog Frame Rate (NTSC)</b>	960
<b>Analog Frame Rate (PAL)</b>	800
<b>Analog Resolution (NTSC)</b>	Up to D1 (720 x 480)
<b>Analog Resolution (PAL)</b>	Up to D1 (720 x 576)
<b>IP Camera Streams</b>	Up to 32
<b>IP Camera Resolution</b>	IP camera dependent
<b>IP Camera Frame Rate</b>	IP camera dependent
<b>Compression Type</b>	H.264

### Appliance

<b>Video Storage</b>	16TB maximum capacity using 4TB fixed 3.5in drives
<b>Storage Configuration</b>	JBOD
<b>Processor</b>	Intel Core i3
<b>Memory (RAM)</b>	4GB
<b>Operating System</b>	Ubuntu Linux
<b>OS/Application Storage</b>	32GB mSATA
<b>Ethernet Ports</b>	2
<b>Max Video Throughput (Aggregate Inbound)</b>	200 Mbps
<b>MTBF</b>	90,690
<b>Chassis</b>	Standard 2U rack mount, rail kit included

### Appliance (continued)

<b>Dimensions (H, W, D)</b>	3.5in x 19.0in x 21.0in (88.90mm x 482.60mm x 533.40mm)
<b>Weight</b>	32 lbs (14.5 kg) maximum
<b>Operating Temperature</b>	50° – 95°F (10° – 35°C)
<b>Storage Temperature</b>	-40° – 158°F (-40° – 70°C)
<b>Operating Environment</b>	Humidity 85%, non-condensing 35°C
<b>AC Input</b>	100 – 240 VAC, 50/60 Hz, 6A/3A
<b>BTU Maximum</b>	1,137 per hour
<b>Regulatory Approvals</b>	FCC, RoHS
<b>Warranty</b>	2 years, hardware; 1 year, software

### Client Requirements

<b>Operating System</b>	Windows 10 or OS X Yosemite and later
<b>Processor</b>	Intel Core i3 or higher
<b>Memory (RAM)</b>	8GB minimum
<b>Hard Drive</b>	100GB minimum

### Part Numbers

<b>S2-NETVR500-16</b>	Includes 16 analog video inputs; supports up to 32 IP cameras and up to 16TB storage
<b>S2-NETVR500-32</b>	Includes 32 analog video inputs; supports up to 32 IP cameras and up to 16TB storage

IP camera licenses expandable up to 32 IP cameras; storage configurations available in 4TB increments.

For more information, please visit [www.s2sys.com](http://www.s2sys.com).