



S2 NetVR® 700 Series

Overview

S2 NetVR 700 series high-performance enterprise video management systems support up to 128 IP cameras and up to 96TB of video storage. Real-time video monitoring and recorded video playback are accessible from a client or mobile app. S2 NetVR 700 series systems are well suited for large security deployments with demanding security requirements.

S2 NetVR 700 series servers 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 700 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. In large, distributed installations, multiple S2 NetBox controllers and S2 NetVR 700 series servers can be centrally managed with S2 Global®.

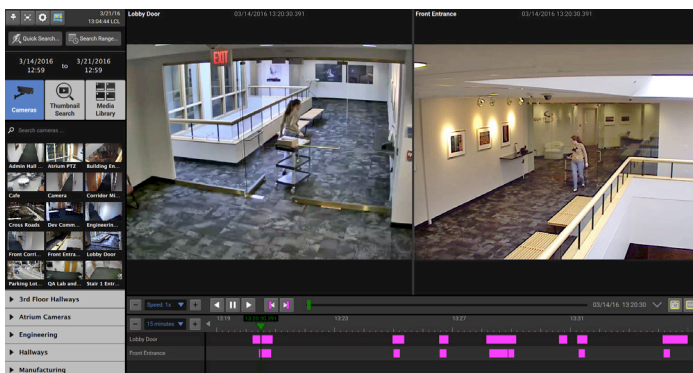
Key Features

Video Management

- **Cameras:** Supports up to 128 IP cameras
- **Storage:** Supports up to 96TB 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.

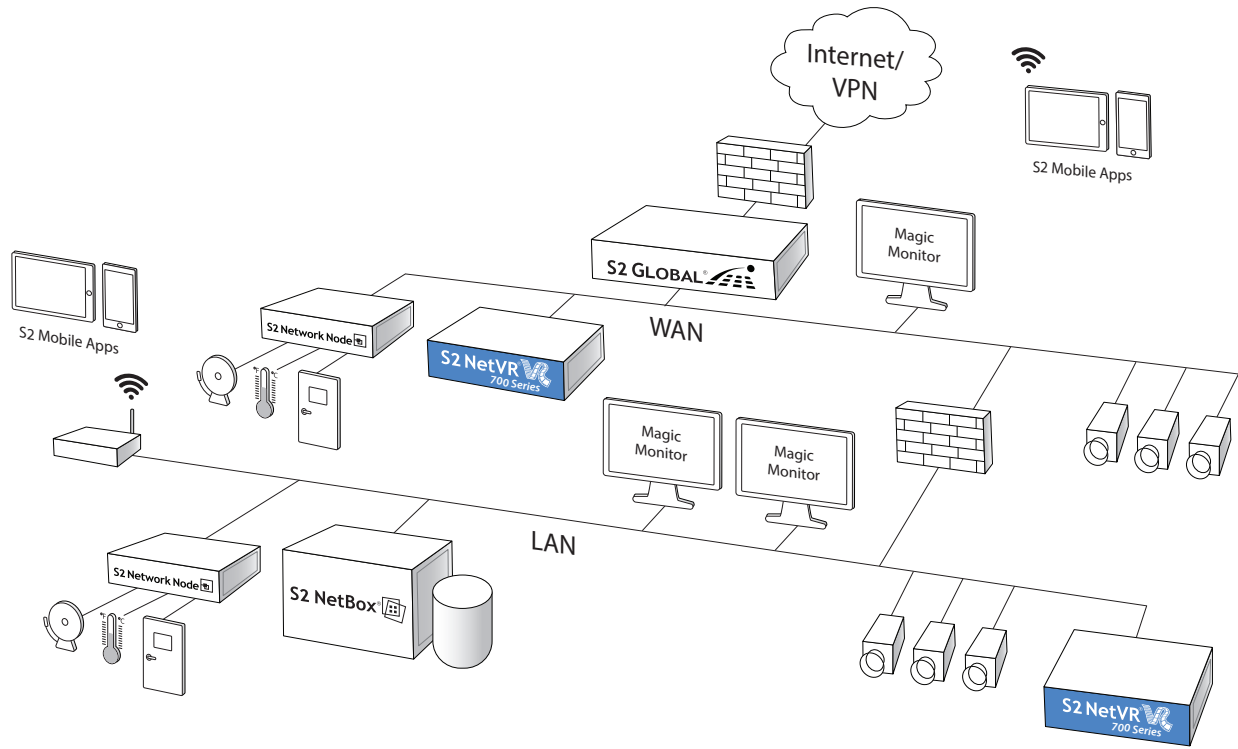
Specifications - S2 NetVR 700 Series

S2 NetVR 700

S2 NetVR 750

Video Management		
IP Camera Streams	Up to 128	Up to 128
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	48TB maximum capacity using 4TB hot swappable 3.5in drives	96TB maximum capacity using 4TB hot swappable 3.5in drives
Storage Configuration	RAID 5/6	RAID 5/6
Processor	Intel Xeon E3-1241v3	Intel Xeon E3-1241v3
Memory (RAM)	8GB	8GB
Operating System	Ubuntu Linux	Ubuntu Linux
OS/Application Storage	80GB SSD minimum	80GB SSD minimum
Ethernet Ports	4	4
Max Video Throughput (Aggregate Inbound)	800 Mbps	800 Mbps
MTBF	41,200	39,100
Chassis	Standard 2U rack mount, rail kit included	Standard 4U 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)	7.0in x 19.0in x 26.8in (177.80mm x 482.60mm x 680.72mm)
Weight	52 lbs (23.6 kg) maximum	98 lbs (45.4 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, 12A/6A	100 – 240 VAC, 50/60 Hz, 12A/6A
BTU Maximum	2,457 per hour	3,685 per hour
Redundant Dual Power Supply	800W	1200W
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 i5 or higher	Intel Core i5 or higher
Memory (RAM)	8GB minimum	8GB minimum
Hard Drive	100GB minimum	100GB minimum
Part Numbers		
	S2-NETVR700	S2-NETVR750
	Supports up to 128 IP cameras and up to 48TB RAID 5/6 storage	Supports up to 128 IP cameras and up to 96TB RAID 5/6 storage
	IP camera licenses expandable up to 128 IP cameras; storage configurations available in 4TB increments.	IP camera licenses expandable up to 128 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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