



S2 NetVR® 100 Series

Overview

S2 NetVR 100 series video management systems support up to 64 IP cameras and up to 32TB of video storage, making the systems well suited for mid-sized deployments. Real-time video monitoring and recorded video playback are accessible from a client or mobile app.

S2 NetVR 100 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 100 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.

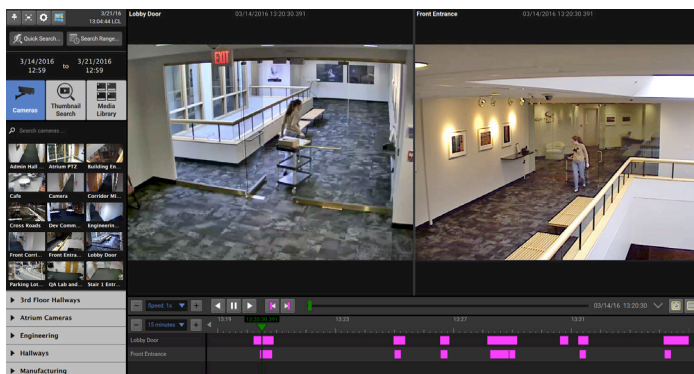
Key Features

Video Management

- **Cameras:** Supports up to 64 IP cameras
- **Storage:** Supports up to 32TB of internal RAID 5 or JBOD 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 Professional™

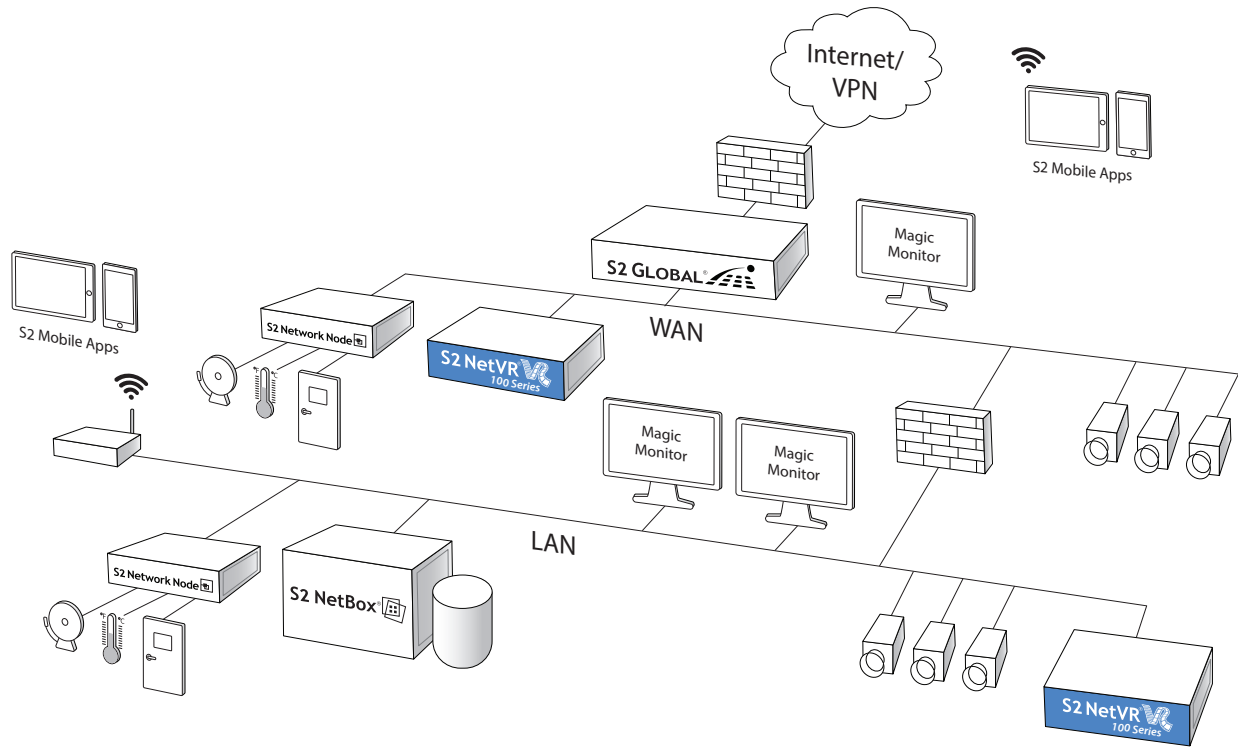


Easily search, review and catalog video with Magic Monitor Forensics.

Specifications - S2 NetVR 100 Series

	S2 NetVR 110	S2 NetVR 120	S2 NetVR 125
Video Management			
IP Camera Streams	Up to 32	Up to 64	Up to 64
IP Camera Resolution	IP camera dependent	IP camera dependent	IP camera dependent
IP Camera Frame Rate	IP camera dependent	IP camera dependent	IP camera dependent
Compression Type	H.264	H.264	H.264
Appliance			
Video Storage	32TB maximum capacity using 4TB or 8TB removable 3.5in drives	32TB maximum capacity using 4TB or 8TB removable 3.5in drives	32TB maximum capacity using 4TB or 8TB removable 3.5in drives
Storage Configuration	JBOD	JBOD	RAID 5
Processor	Intel Core i3	Intel Xeon E3-1220v5	Intel Xeon E3-1220v5
Memory (RAM)	8GB	8GB	8GB
Operating System	Ubuntu Linux	Ubuntu Linux	Ubuntu Linux
OS/Application Storage	80GB SSD minimum	80GB SSD minimum	80GB SSD minimum
Ethernet Ports	2, expandable to 4	2, expandable to 4	2, expandable to 4
Max Video Throughput (Aggregate Inbound)	200 Mbps	400 Mbps	400 Mbps
MTBF	51,700	51,700	45,600
Chassis	Standard 1U rack mount, rail kit included	Standard 1U rack mount, rail kit included	Standard 1U rack mount, rail kit included
Dimensions (H, W, D)	1.75in x 19.0in x 21.8in (44.45mm x 482.60mm x 553.72mm)	1.75in x 19.0in x 21.8in (44.45mm x 482.60mm x 553.72mm)	1.75in x 19.0in x 21.8in (44.45mm x 482.60mm x 553.72mm)
Weight	23 lbs (10.4 kg) maximum	23 lbs (10.4 kg) maximum	23 lbs (10.4 kg) maximum
Operating Temperature	50° – 95°F (10° – 35°C)	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)	-40° – 158°F (-40° – 70°C)
Operating Environment	Humidity 85%, non-condensing 35°C	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	100 – 240 VAC, 50/60 Hz, 6A/3A
BTU Maximum	1,075 per hour	1,075 per hour	1,075 per hour
Regulatory Approvals	UL, CE, FCC, RoHS	UL, CE, FCC, RoHS	UL, CE, FCC, RoHS
Warranty	2 years, hardware; 1 year, software	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	Windows 10 or OS X Yosemite and later
Processor	Intel Core i3 or higher	Intel Core i3 or higher	Intel Core i3 or higher
Memory (RAM)	8GB minimum	8GB minimum	8GB minimum
Hard Drive	100GB minimum	100GB minimum	100GB minimum
Part Numbers			
	S2-NETVR110 Supports up to 32 IP cameras and up to 32TB JBOD storage	S2-NETVR120 Supports up to 64 IP cameras and up to 32TB JBOD storage	S2-NETVR125 Supports up to 64 IP cameras and up to 32TB JBOD storage
	IP camera licenses expandable up to 32 IP cameras; storage configurations available in 4TB or 8TB increments.	IP camera licenses expandable up to 64 IP cameras; storage configurations available in 4TB or 8TB increments.	IP camera licenses expandable up to 64 IP cameras; storage configurations available in 4TB or 8TB increments.

Schematic Diagram - S2 Security System



Schematic only. Not a network diagram.

For more information, please visit s2sys.com.

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