



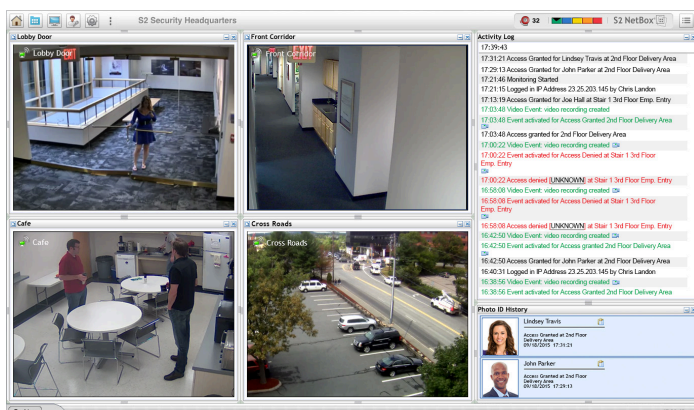
# S2 Network Node VR

## Overview

S2 Network Node VR is an intelligent field panel that brings access control and video management to the network edge in a single, compact device. S2 Network Node VR facilitates access control and event monitoring for S2 NetBox® series controllers and delivers video surveillance for connected cameras. Live and recorded video can be accessed at the node level or aggregated to the S2 controller web interface for centralized management.

Each S2 Network Node VR supports up to eight IP cameras and up to eight portals and can be configured with a 1TB SSD or up to 4TB HDD drive for onboard storage. S2 Network Node VR houses up to four S2 application blades for access control, inputs, outputs and temperature probes. The fanless product design provides extended longevity, delivering an ideal solution for remote, difficult to service locations.

S2 Network Node VR is an efficient way to deliver access control and video management in a distributed environment. For example, a business with multiple locations can manage access control centrally but allow each location to handle its own video monitoring.



Video from connected cameras is accessible at the node level and integrated with centrally managed access control in a customizable, web-based interface.

## Key Features

### Access Control

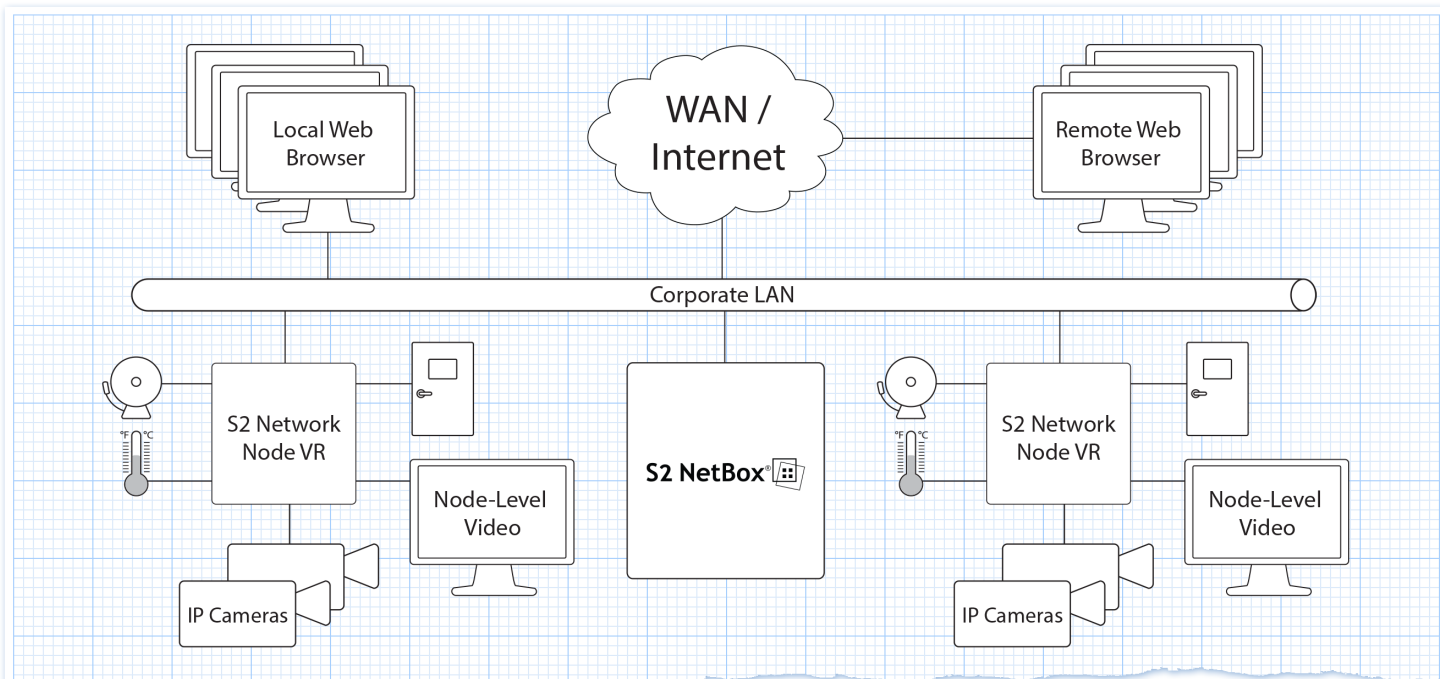
- **Reader Support:** Interfaces with Weigand, magnetic stripe and keypad reader technologies
- **Blade Support:** Houses up to four S2 application blades for access control, inputs, outputs and temperature probes
- **Input/Output Assignment:** Enables assignment of input and output relays to control doors and other end point devices

### Video Management

- **Cameras:** Supports up to eight IP cameras
- **Storage:** Includes options for video storage in 1TB SSD and up to 4TB HDD configurations
- **Flexible Video Monitoring:** Allows for node-level or centralized video surveillance

### System

- **Converged Node:** Handles distributed access control and node-level or aggregated video management
- **Intuitive Configuration:** Utilizes embedded web interface for initial setup
- **Automatic Discovery:** Automatically connects to and authenticates with the S2 controller upon configuration
- **Offline Availability:** Maintains access control and video capabilities even when connectivity to the S2 controller is lost
- **Fanless Design:** Contains no moving parts for extended product longevity



Schematic only. Not a network diagram.

## Specifications – S2 Network Node VR

### Access Control

Application Blades / SIOs	4, 1 ACM blade included
Portals	8
Access Levels	512
Supervised Inputs	32
Relay Outputs	32
Temperature Inputs	32
Credential Storage	20,000
Buffered Transactions	27,000

### Video Management

IP Camera Streams	8
IP Camera Resolution	IP camera dependent
IP Camera Frame Rate	IP camera dependent
Compression Type	H.264

### Client Requirements

Operating System	Windows 7, 32-bit or 64-bit
Browser	Chrome, Internet Explorer, Firefox and Safari*
Processor	Intel Core i3 or higher
Memory (RAM)	4GB
Hard Drive	100GB minimum

### Appliance

Video Storage	1TB SSD; 1TB, 2TB or 4TB HDD
Processor	Intel Atom N2800
Memory (RAM)	2GB
Operating System	Ubuntu Linux
Ethernet Ports	1
Max Video Throughput	100 Mbps
MTBF	319,009 hrs
Dimensions (H, W, D)	14in x 14in x 8.5in (35.56cm x 35.56cm x 21.59cm)
Weight	10 lbs (4.5 kg)
Operating Temperature	32° - 95° F (0° - 35° C)
Storage Temperature	-4° - 158° F (-20° - 70° C)
AC Input	100 - 240 VAC, 50-60 Hz
BTU Maximum	292 per hour
Commissioning	Web configuration utility
Regulatory Approvals	UL, CE, FCC, RoHS
Warranty	2 years, hardware; 1 year, software

### Part Numbers

S2-NN-VR-1TB	1TB
S2-NN-VR-2TB	2TB
S2-NN-VR-4TB	4TB
S2-NN-VR-1TB-SSD	1TB SSD

\* Refer to the latest Release Notes for browser version compatibility.

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

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