



VRx 1000

Overview

The VRx™ next-generation video management system provides a unified access control and video surveillance experience when used in conjunction with the NetBox™ access control system, Magic Monitor® unified client and Cumulus™ cloud-based service.

The VRx 1000 server supports up to 64 IP cameras and up to 48TB of video storage, making the system well suited for mid-sized deployments. It is available as a stand-alone system and also tightly integrates with NetBox access control systems.

Real-time video and audio monitoring and recorded playback are accessible through the Magic Monitor client. 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. Additional features include on-screen PTZ controls and integration of live video views into floor plan graphics. VRx also includes new installation features that optimize efficiency by streamlining the setup process. Further, you can keep your system secure with VRx's ability to update all of your camera passwords at once.

The VRx 1000 server includes the capability to manage and display crowdsourced video. Video footage submitted to the security team can be stored on the server and made available for forensic investigation.

The VRx system seamlessly fits into the NetBox ecosystem, allowing the entire solution to easily scale with organizational growth. The Linux-based server appliance is plug-and-play and operates similarly to other NetBox ecosystem products, making it easy to set up, configure and maintain.

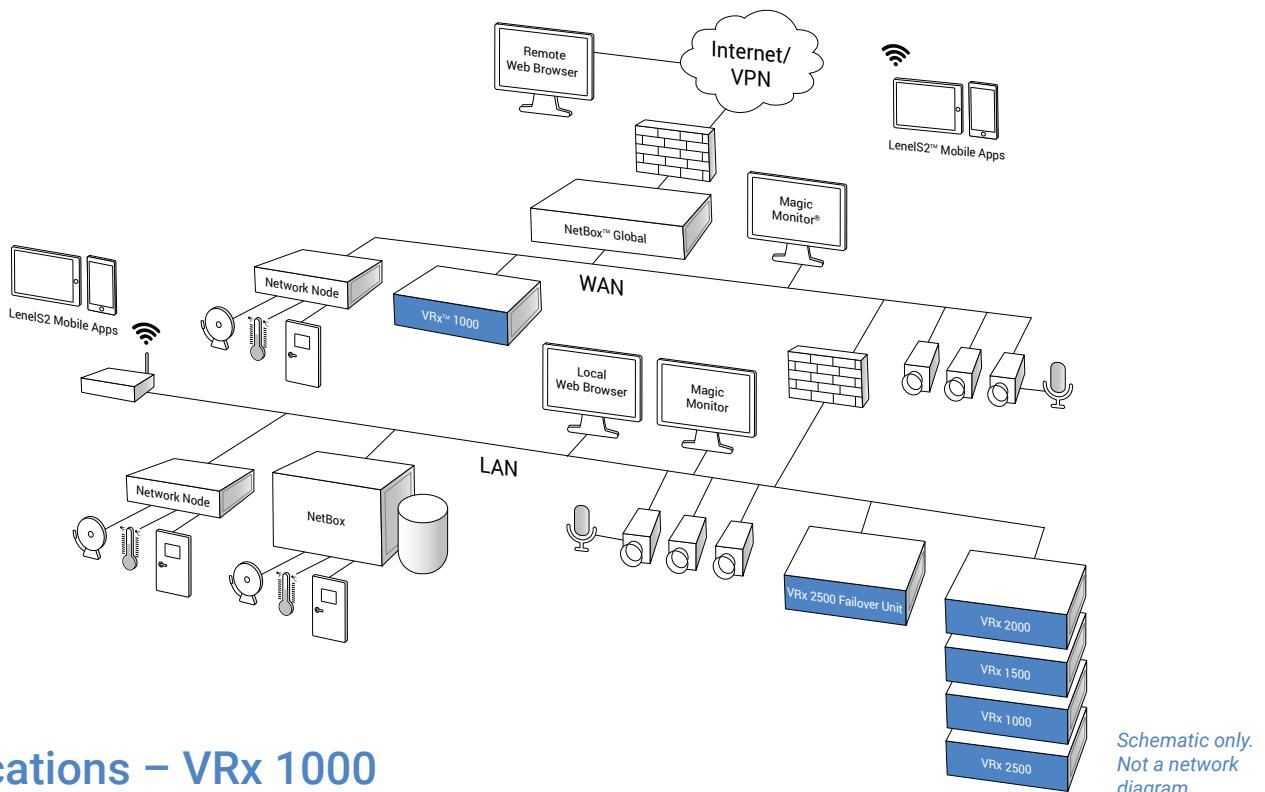
Key Features

Video Management

- **Cameras:** Supports up to 64 IP cameras
- **ONVIF®:** Supports ONVIF Profile T cameras
- **Failover:** A single failover VRx recorder can monitor up to four VRx recorders for uninterrupted recording
- **High-Quality Video:** Supports 4K cameras and H.265 codec
- **Crowdsourced Video:** Manages video submitted from the organizational community, making it available for playback during forensic investigation
- **Real-Time Surveillance:** Allows for live video tours and on-screen PTZ controls using the Magic Monitor client
- **Forensic Search:** Locates recorded video of interest with a single click and saves it to the case library
- **Storage:** Supports up to 48TB of internal JBOD video storage
- **Storage Management:** Provides a simple user interface to add or replace storage drives in the field

System

- **IP Video Server:** Delivers real-time and recorded video to client
- **Access Control Integration:** Integrates with NetBox 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 the Mobile Security Professional® app



*Schematic only.
Not a network diagram.*

Specifications – VRx 1000

| Video Management | | Appliance (continued) | |
|---|---|-----------------------|--|
| IP Camera Streams | Up to 64 | Weight | 30 lbs (13.6 kg) maximum |
| IP Camera Resolution | Camera dependent, up to 4K | Operating Temperature | 50° – 95°F (10° – 35°C) |
| IP Camera Frame Rate | Camera dependent | Storage Temperature | -40° – 149°F (-40° – 65°C) |
| Compression Type | H.264 or H.265 (camera dependent) | Operating Environment | Humidity 80%, non-condensing 84°F (29°C) |
| Appliance | | AC Input | 100 – 240 VAC, 50/60 Hz, 5A/3A |
| Video Storage | 48TB maximum capacity using 4TB, 8TB, or 12TB removable 3.5in drives; 4 HDD slots | BTU Maximum | 1,356 per hour |
| Storage Configuration | JBOD | Regulatory Approvals | UL, CE, FCC, RoHS |
| Processor | Intel® Xeon® E | Warranty | 3 years, hardware; 3 years, software |
| Memory (RAM) | 8GB | Client Requirements | |
| Operating System | Ubuntu Linux | Operating System | Windows 10 (64 bit), macOS High Sierra and later |
| OS/Application Storage | 240GB SSD | Processor | Intel Core i3 or higher |
| Ethernet Ports | 2 | Memory (RAM) | 8GB minimum |
| Max Video Throughput (Aggregate Inbound + Outbound) | 650 Mbps | Hard Drive | 100GB minimum |
| MTBF | 51,700 hours | Part Numbers | |
| Chassis | Standard 1U rack mount, rail kit included | S2-VRX1000-G2 | VRx 1000 appliance |
| Dimensions (H, W, D) | 1.68in x 19.0in x 21.9in (43mm x 482mm x 556mm) | S2-VRX-1000-G2-FO | VRx Failover Appliance |
| | | S2-VRX-1C | Single IP camera license, expandable up to 64 IP cameras |
| | | S2-4TB-HDD-G2 | 4TB storage hard drive |
| | | S2-8TB-HDD-G2 | 8TB storage hard drive |
| | | S2-12TB-HDD-G2 | 12TB storage hard drive |



For more information, please visit lenels2.com.

Specifications subject to change without notice.

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