

Elements Video Recorder

Security in its simplest form

Overview

Designed specifically for the Elements[™] cloud-based access control and video management system, the Elements Video Recorder supports up to 16 IP ONVIF®-compliant cameras with up to 8TB of on-premise video storage. Keeping video storage on-premise provides for a cost-effective, high performance localized storage solution, while providing secure access to video from anywhere and at any time via the cloud.

Adding video to the Elements system helps to enhance situational awareness by providing visual verification of an alarm or events reported within the Elements user interface. Video also enables users to easily view live video and search for recorded video by date and time directly in the Elements system.

The Elements Video Recorder is simple to setup, requiring no port forwarding within the router. It uses Web Real-Time Communication (WebRTC) for a secure connection and peer-topeer (P2P) connectivity for low latency and reduced costs.

The native Elements video solution eliminates complicated third-party integration and up-front license fees. Video can be viewed via the cloud using popular web-browsers and does not require browser add-ons, an external video management system (VMS) or extra software.

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Key Features

Video Recorder

- IP video recorder: delivers real-time and recorded video to client
- High-quality video: supports 4K* cameras and H.264 codecs
- Cameras: supports up to 16 IP cameras (must be ONVIF compliant)
- Storage: supports up to 8TB of internal JBOD video storage

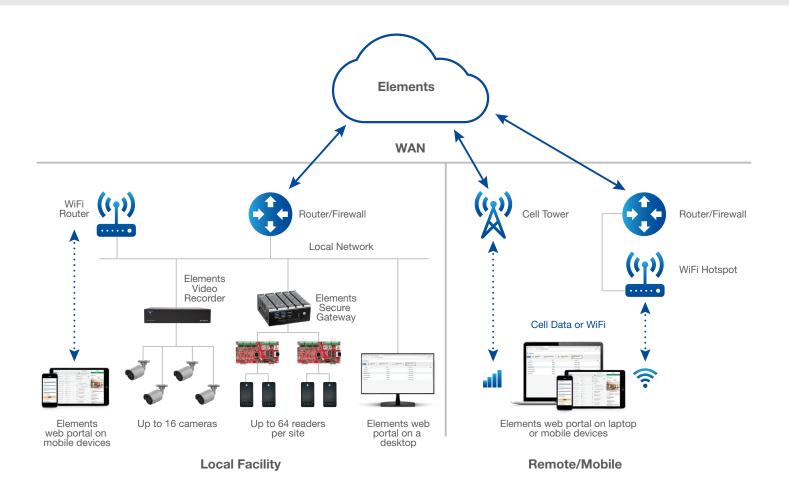
Elements Integration

- Native integration: integrates exclusively with the Elements access control system for a unified system management and administrative experience
- Video viewing: perform live monitoring or recorded playback from any camera directly from the Elements system with no browser add-ons, no external VMS, or extra software required
- Video search: easily search recorded video by date and time to quickly find events of interest
- Easy access to video: video is optimized through a peer-topeer connection or cloud routing allowing real-time video streaming to most mobile phones, tablets and browsers





Elements Video Recorder



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Specifications

Cameras				
IP cameras	Up to 16 ONVIF			
IP camera resolution	Camera dependent, up to 4K*			
IP camera frame rate	Camera dependent			
Compression type	H.264			
Storage	8TB			
Video Appliance				
Processor	Intel® Core i3			
Memory (RAM)	8GB			
Operating system	Ubuntu® Linux			
OS/application	80GB SSD minimum			
Video storage	8TB HDD			
Storage configuration	JBOD			
Ethernet ports	2			
Max Video Throughput (aggregated inbound + outbound)	100 Mbps			
*Network data rate may affect performance				

Mechanical and Electrical				
Chassis	Standard 2U rack mount or surface mount			
Dimensions (HxWxD)	3.5 x 19.0 x 14.58 in. (89 x 483 x 370 mm)			
Weight	12 lbs. (5.4 kg) maximum			
AC input	100 - 240 VAC, 50/60 Hz, 6A/3A			
BTU Maximum	938 per hour			
Storage temperature	41° to 140°F (5° to 60°C)			
Operating temperature	50° to 95°F (10° to 35°C)			
Operating environment humidty	85%, non-condensing 35°C			
MTBF	107,017 hours			
Limited Warranty	3 years, See your VAR for details			
Cloud Connectivity				
Cloud provider	Microsoft Azure			
Connection options	Peer-to-Peer; Cloud relay			
Streaming	WebRTC			

*Network data rate may affect performance

Ordering information

 Part No.
 Description

 LS2-EVR-100
 Elements Video Recorder, up to 16 IP cameras, 8TB of storage



LenelS2.com

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Specifications subject to change without notice.

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