



Network Node

Overview

The Network Node intelligent field panel handles distributed processing for Elements Cloud access control systems. Access control and events from connected devices are aggregated to the Elements web interface for centralized system management and control.

The Network Node panel supports up to seven modular LenelS2 application blades for access control, inputs, and outputs. Any LenelS2 application blades can be combined to fit deployment requirements. Blades are automatically addressed without jumpers or switches. External devices such as 12VDC card readers can be powered from the LenelS2 access control application blade without the need for external power supplies.

Key Features

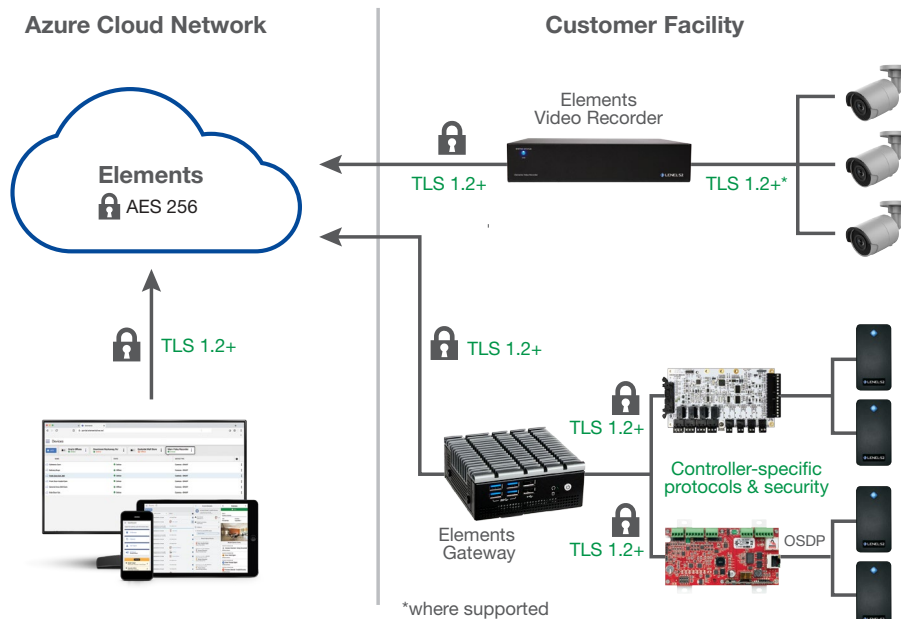
Access Control

- **Blade Support:** Houses up to seven LenelS2 application blades for access control, inputs, and outputs
- **Readers:** Supports up to fourteen doors or other access points
- **Input Assignment:** Enables assignment of up to 56 supervised inputs
- **Output Assignment:** Enables assignment of up to 56 form C output relays

System

- **LenelS2 System Node:** Handles distributed access control and event monitoring
- **Solid State Design:** Extends product lifecycle, lowering total cost of ownership
- **Offline Availability:** Maintains access control capabilities even when connectivity to the Elements system is lost
- **Intuitive Configuration:** Utilizes embedded web interface for initial setup





Specifications – Network Node

Access Control	
Network Node Blade	M1-3200
Application Blades / SIOs	7
Readers	14
Supervised Inputs	56
Relay Outputs	56
Credential Storage	150,000
Buffered Transactions	800,000
Hardware	
Storage	2GB Flash
Processor	TI AM3352 ARM
Memory (RAM)	512MB SDRAM
Operating System	Linux
Ethernet Ports	1
MTBF	297,000 hrs
Chassis	Wall mount or standard 4U rack mount
Dimensions (H, W, D)	<i>Wall Mount:</i> 17.0in x 15.0in x 6.75in (432mm x 381mm x 172mm) <i>Rack Mount:</i> 7.0in x 19.0in x 15.0in (178mm x 483mm x 381mm)
Weight	<i>Wall Mount:</i> 18 lbs (8.6 kg) <i>Rack Mount:</i> 17 lbs (7.7 kg)

Hardware (continued)	
Operating Temperature	32° – 95°F (0° – 35°C)
Storage Temperature	-4° – 158°F (-20° – 70°C)
Input Power	100 - 240 VAC, 50/60 Hz, 2.3A
Reader Output Power	12VDC, 250 mA/reader
BTU Maximum	184 per hour
Commissioning	Web configuration utility
Regulatory Approvals	UL, CE, FCC, RoHS
Part Numbers	
S2-NN-E-WM	Supports up to 7 LenelS2 application blades, wall mount
S2-NN-E-RM	Supports up to 7 LenelS2 application blades, rack mount
S2-ACM	Dual Reader Interface Blade
S2-INP	Input Control Blade
S2-OUTP	Output Control Blade



For more information, please visit lenel2.com.

Specifications subject to change without notice.

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