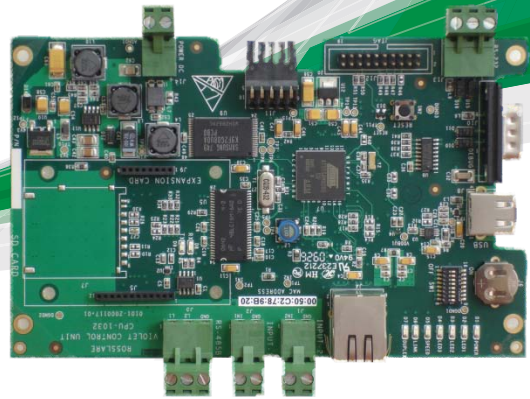


# ExpansE™

## Distributed Access Control System



**ExpansE™ is a distributed access control system with a Web-based management and control application to provide a powerful access control solution that is simple to use.**

### GENERAL DESCRIPTION

The ExpansE system is comprised of several units, the main unit, the EXP-1032 Networked Controller, and several end units including a 2-reader door unit, a 16-relay output unit, and an 8-input/output unit. Targeted to the SMB market, this topology offers several advantages, including cost effectiveness, where the more doors and/or interfaces connected to the system, the more cost-effective it is.

### MAIN FEATURES

- Distributed Architecture
  - Highly scalable – expandable to facilitate Extended reliability
- Controllers capacity: Up to 8 controllers with intercommunication
- User capacity: Up to 128,000 users per controller
- Up to 8 end units per controller
- Up to 8 doors (In/Out readers), 16 readers per controller
- Up to 64 inputs per controller
- Up to 128 outputs per controller

- 100,000 history event log entries
- 512 multi-segmented time zones and 128 holidays
- Web application system management

### SOFTWARE HIGHLIGHTS

- Enables management of user data, access rights, alarms, access time frames, and door modes, from a central Web-based location
- Allows continuous event monitoring, or periodic monitoring for batch downloading of event data, as well as administration management and general maintenance
- User friendly and straight-forward software and wizards provide easy and fast setup and operation
- Using the ExClouds™ software, allows producing reports from acquired data, such as entry and exit times, and alarm type utilizing advanced filters for user(s), location, and time
- Automated DB backups

# SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	EXP-1032	EXP-2024	EXP-2016	EXP-2088
	Networked Controller	2-Reader Door Unit	16-Relay Output Unit	8-Input/Output Unit
■ Operating Voltage	12–16 VDC 1.5 A	12–16 VDC, 1A		12–16 VDC, 0.5 A
■ Input Current (standby)	150 mA @ 12 VDC		100 mA @ 12 VDC	
■ Input Current (maximum)	1500 mA @ 12 VDC	1000 mA @ 12 VDC	1000 mA @ 12 VDC	500 mA @ 12 VDC
■ Communication	TCP/IP or RS-485	RS-485		
■ Tamper Input	Two	One		

## OPERATIONAL CHARACTERISTICS

■ Capacity	128,000 users per controller			
■ History Event Log Size	100,000 events			
■ End Units per Controller	Up to 8			
■ Time Zones and Groups	512 multi-segmented time zones and 128 holidays			
■ Antipassback	Global antipassback (soft/hard)			

## PHYSICAL CHARACTERISTICS

■ Dimensions	157 x 130 mm (6.18 x 5.12 in.)	157 x 100 mm (6.18 x 3.93 in.)		
■ Weight	113 g (3.98 oz)	157 g (5.54 oz)	172 g (6.06 oz)	224 g (7.9 oz)

## ENVIRONMENTAL CHARACTERISTICS

■ Operating Environment	Indoor installation only			
■ Operating Temperature Range	0°C to 49°C (32°F to 120°F)			
■ Operating Humidity Range	0 to 90% (non-condensing)			
■ RFI Protection	> 20 V/m up to 1000 MHz			

## COMPATIBLE PRODUCTS

ExpansE is compatible with a range of Rosslare accessories, including a diverse selection of readers, accessories and converters between serial and TCP/IP communication

## PRODUCT WARRANTY

2-Year Limited Product Warranty

## ABOUT ROSSLARE SECURITY

Rosslare Security Products manufactures and markets high-quality security products via its worldwide offices and channel partners. Since 1980, Rosslare has offered high-quality systems for enterprise, small business, and residential applications. With Rosslare, you receive the best of all worlds: world-class product engineering and design; professional customer service spanning the globe; and the quality and affordability of a vertically integrated and self-owned manufacturing facility. Our expansive product range features much more than access control solutions and guard patrol management systems; we also offer applications software – such as License Plate Recognition, Time & Attendance, and DVR/alarm integration.

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