



S321-IP Network Controller



- Supports one or two doors
- 8 inputs, 4 outputs
- Four-state (supervised) inputs and two-state (unsupervised) inputs
- Up to 5,000 cardholder badges
- 4 MB flash memory
- 10/100Base-T network connection
- Up to 128-bit badge numbers, 2 schedules per badge
- 40 holidays
- 64 schedules
- Can be updated remotely using File Transfer Protocol (FTP)
- Browser-based Graphical User Interface (GUI)
- Expandable modular design

The S321-IP Intelligent Controller incorporates advanced technology and flexible features for small-to-large security installations. It uses standard IP communications protocol and is capable of monitoring and controlling two fully configured doors. The modular design allows for easy installation and can be mounted on a flat surface, DIN rail, or specified UL Listed enclosures.

S321-IP NETWORK CONTROLLER

Easy, flexible installation

Can be mounted on a flat surface, DIN rail, or specified UL-listed enclosure. Configured to use Category-5 network cables with a standard RJ-45 connector.

Door Operations

The S321-IP provides the following connections when configured to control one or two doors:

Inputs

- Request to exit device
- Door position contact
- Reader (PIN, card or biometric)

Outputs

- Strike Relay (Form C)
- Shunt Relay (Form C)

Interface Requirements

The S321-IP requires a Category-5 network cable with a standard RJ-45 connector. The S321-IP can provide 12 VDC to the reader.

Reader Compatibility

Most card readers are compatible with the S321-IP. Hands-free, proximity, Wiegand, magnetic stripe and bar code technologies are all supported.

Port Enable/Disable

The S321-IP can function as a reader and/or I/O interface for up to two doors. Disabling or enabling the reader or I/O capability for either door allows the device to act in a wider variety of configurations.

General Purpose I/O Availability

Address Mode	I/O Configuration
2 Readers with I/O	2 inputs, 2 outputs
1 Reader with I/O	4 inputs, 6 outputs
I/O only	6 inputs, 10 outputs

Technical Specifications

Input Voltage	+12 to +24 VDC; 16 to 24 VAC
Compliance	C-Tick
	FCC, Class B
	CE Mark
	ICES-003, Class B
	*UL294 Listed Subassembly (Access Control)
	**UL1076 Listed Subassembly (Proprietary Burglar Alarm System)
	*cUL General Signaling Equipment
Mounting Specifications	DIN Rail Flat Surface
Dimensions:	
S321-IP only	5.7" h x 5.9" w x 2.2" d (14.4cm x 15cm x 5.5cm)

*When used with either S300-DIN-L or S300-DIN-S enclosure assembly.

**When used with either S300-DIN-L or S300-DIN-S enclosure assembly and P2K-UL.