

## Features and Highlights

- Economical**  
 Provides Web connectivity for lower installation and maintenance costs.
- Flexible**  
 Uses a Web browser interface to enable Building Access Control, time and attendance monitoring, and intrusion detection—at any time, from anywhere.
- Expandable**  
 Supports two card readers and the I/O to support two controlled entryways. Two models are available to accommodate hundreds of expansion configurations.
- Adaptable**  
 Part of an overall system that is ideal for small to mid-size facilities requiring 32 or fewer card access readers.



The Trend Building Access Control security controller is a Web-based, Building Access Control appliance that contains a Web server, embedded database and security appliance software. The controller includes capacity for two card readers and additional I/O for general purpose monitoring and control.

The security controller eliminates the need for on-site PCs or thick client software. Two models of the controller are available: The 201 can expand to handle up to 16 card readers, and 64 input and 64 output points; the 601 can expand to handle up to 32 card readers, and 120 input and 120 output points. Each controller is capable of storing thousands of credentials.

The Trend security controller enables real-time alarm and activity monitoring, and provides at-a-glance Web-based displays of the facility's layout. Historical data is easily searchable through a list of pre-defined reports and comprehensive ad-hoc reporting capabilities. An LCD display keypad enables remote intrusion detection.

The Trend security controller is based on the Niagara<sup>AX</sup> Framework and is part of an overall security system that is ideal for small to mid-size facilities.

## Technical Data

- **Inputs** 6 supervised inputs and 3 digital inputs.
- **Relay Outputs** 4 relay outputs.
- **Card Readers** 2 user-definable Wiegand card formats.
- **Processor & Memory** IBM PowerPC 405EP 250 MHz processor. 128 MB SDRAM & 128 MB Serial Flash.
- **Terminations** Removable header-type screw terminals accept 14–24 AWG wire.
- **Environmental** Operating temperature range: 32–122 deg. F (0–50 deg. C); 5–95%, non-condensing. Storage temperature range: 32–140 deg. F (0–60 deg. C).
- **Communications** 2 Ethernet Ports—10/100 Mbps (RJ-45 Connectors), 1 RS232 Port (9 pin D-shell connector), 1 RS485.
- **Ratings** FCC part 15, Class A.

	Card readers	Supervised inputs	Relay outputs	Digital inputs
TR-SEC-J-201	2	6	4	3
TR-SEC-J-601	2	6	4	3
TR-SEC-R2R	2	4	2	2
TR-SEC-RIO	—	8	8	2

## Ordering Information

Product number	Description
TR-SEC-J-201	Security controller with connections for 2 card readers, 6 supervised inputs, 4 Form C relay outputs, and 3 digital inputs
TR-SEC-J-601	Security controller with connections for 2 card readers and expandable up to 15 Remote 2 Reader modules
TR-SEC-PWR-UN	Universal power supply with 90–263 VAC input, 15 VDC out 30 watt power supply; DIN rail mount
TR-SEC-INT-KP	Remote intrusion LCD display keypad
TR-SEC-2X-485	Dual port RS-485 option card with connector end plate
TR-SEC-MT-AX	Trend Security Maintenance Tool used with security controller for appliance upgrades, backups and disaster recovery

## Trend Control Systems