



Remote Arming Stations

Keypads and readers for a full range of user interfaces

Overview

The Alliance Remote Arming Stations provide a range of user interfaces that may be used simultaneously. Up to 16 RAS devices: readers, keypads, or high-security combinations of readers and keypads, may be connected directly to the panel on the system data bus up to 5,000 feet away from the panel. The system may be expanded with additional RAS devices controlled by the AL-1255 four-door controller.

Keypads

An assortment of Alliance keypads is available to meet the requirements of varied applications. The AL-1103 with LCD display has clearly readable text on a 2x16 character LCD for displaying system programming, alarm, and access control functions. It can display the status of eight areas using LEDs, while the LCD shows details of alarms or shows pre-programmed text. The screen and keys are backlit for use in poor lighting conditions. In non-alarm situations, the keypad can scroll through freely programmed text.

The AL-1108, with all the functionality of the AL-1103 keypad, contains a card reader interface for card plus pin applications.

Keypads without LCDs are available for pin-only applications or for high security card plus pin applications. Options include the AL-1151 heavy-duty unit with strong metal construction and four LEDs; the AL-1156 heavy-duty keypad with magstripe card reader; and the AL-1150 plastic membrane keypad with four LEDs to indicate alarm system and access status.

Wiegand Interface

The AL-1170 Wiegand Interface, with one relay output, is used to interface Wiegand format readers on the Alliance data bus. Alliance also offers a magstripe reader, the AL-1410, that can be connected to the system through the AL-1170 Wiegand Interface.

Smart Card Proximity Readers

The AL-1191 and AL-1193 Smart Card Readers can be connected directly on the Alliance data bus or through the AL-1255 four-door controller. They may also be configured to operate in stand-alone and control devices like office equipment or vending machines; this allows credits to be assigned on user cards and deducted by the readers purely on a usage basis. Both readers have a read-range of two to three inches and feature a unique optical pry-off tamper sensor, a programmable OC output, a return-to-exit (RTE) input and a beeper. The red and blue LEDs can be mapped to represent different functions such as nightlight, lock status, or area alarm status. Smart cards are programmed with an AL-1623 smart card programmer connected to any PC running Alliance Manager software.



AL-1103, AL-1191, and AL-1193

The readers can be configured and addressed by a LCD keypad connected on the control panel bus. Some security options (site code and 4-byte security code) are only programmable with Alliance Manager and configuration cards.

Standard Features (AL-1103)

- 2 x 16 characters LCD keypad
- 3 LEDs for system status indication
- 8 LEDs for area status indication
- 4 free programmable function buttons
- Backlit screen and keys

Remote Arming Stations

Keypads and readers for a full range of user interfaces

Specifications

AL-1103 / AL-1108

Power

- Supply voltage: 9 to 14 VDC
- Current consumption: 100 mA maximum
- Open collector output: 1 (50 mA maximum)

Physical and Environmental

- Maximum distance from panel: 5,000'*
- Request to exit input
- Continuous data bus monitoring
- Addressing: DIP switches
- Operating temperature: 32° F to 122° F
- Color: Beige
- Dimensions: 6" x 4.5" x 1" (L x W x D)

AL-1151 / AL-1156

Power

- Supply voltage: 9 to 14 VDC
- Current consumption: 70 mA maximum
- Open collector output: 1 (50 mA maximum)

Physical and Environmental

- Maximum distance from panel: 5,000'*
- Request to exit input
- Continuous data bus monitoring
- Addressing: DIP switches
- Operating temperature: 32° F to 122° F
- Color: Metallic
- Dimensions: 3.84" x 4.55" x 0.55" (L x W x D)

AL-1191 / AL-1193

Power

- Supply voltage: 9 to 14 VDC
- Current consumption: 25 mA in standby/80 mA during card read
- Open collector output: 1 (25 mA maximum)

Physical and Environmental

- Maximum distance from panel: 5,000 ft*
- Request to exit input
- Continuous data bus monitoring
- Addressing: by keypad, Alliance Manager software, or configuration card
- Operating temperature: 32° F to 122° F (0° C to 50° C)
- AL-1191 Color: 5 colors available
- AL-1193 Color: Dark gray
- AL-1191 Dimensions: 1.33" x 4.32" x 0.67" (L x W x D)
- AL-1193 Dimensions: 1.65" x 5.85" x 0.59" (L x W x D)

Ordering Information

Part Number	Main Product Offering
AL-1103	LCD Scrolling keypad with 8 red LEDs and 4 multicolored LEDs
AL-1108	Same as AL-1103 with built-in proximity card reader included
AL-1191	Smart card reader, full weather-proof construction. Snap-on covers available in additional colors.
AL-1193	Heavy-duty smart card reader, suitable for outdoor use
AL-1151	Heavy-duty 4-LED keypad
AL-1156	Heavy-duty 3-LED keypad with Magstripe reader
AL-1150	Plastic 4-LED membrane keypad
AL-1623	Smart Card Programmer



GE Security

Mailing Address

12345 SW Leveton Dr.
Tualatin, OR 97062

tel 503-692-4052

Americas

800-547-2556
(US & Canada)

technical service

tel 800-648-7424
fax 800-483-2495

Asia

tel 852-2907-8108
fax 852-2142-5063

Australia

tel 61-3-9259-4700
fax 61-3-9259-4799

Europe

tel 32-2-725-11-20
fax 32-2-721-86-13

Latin America

tel 305-269-4023
fax 305-267-4300

www.GE-Security.com

Document: AL-RAS-0104 ©2004 GE Security.

As a company of innovation, GE Security reserves the right to change product specifications without notice.

For the latest product specifications, visit GE Security, online at www.GE-Security.com or contact your GE Security sales representative. * When wire runs exceed 300', an external power supply must be used.