

## Overview

The indoor AL-1191 and outdoor AL-1193 Smart Card Readers connect to the Alliance system and allow card holders to gain access to an area, open a door or elevator, or get goods or services from office equipment or vending machines.

The AL-1191 and AL-1193 Alliance Smart Card Readers can be connected to the Alliance data bus, directly to a door or elevator controller, or on the local bus of a controller. They may also be configured to operate on standalone devices such as office equipment or vending machines, in order to allow credits to be deducted from users' cards on a per-usage basis.

Both readers have a read-range of 2 to 3 inches and feature an optical pry-off tamper sensor, a programmable OC (Open Collector) output, a request-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 Professional software.

## Features

- Indoor and heavy duty models available
- Program LEDs for different functions
- High security 4-byte security code and read/write encryption
- Pay-per-use application

# AL-1191/AL-1193

## Smart Card Readers



Americas  
T 503 885 5700  
T 888-GE-SECURITY  
(437 3287)  
F 800 483 2495

Canada  
T 519 376 2430  
F 519 376 7258

Asia  
T 852 2907 8108  
F 852 2142 5063

Australia  
T 61 3 9259 4700  
F 61 3 9259 4799

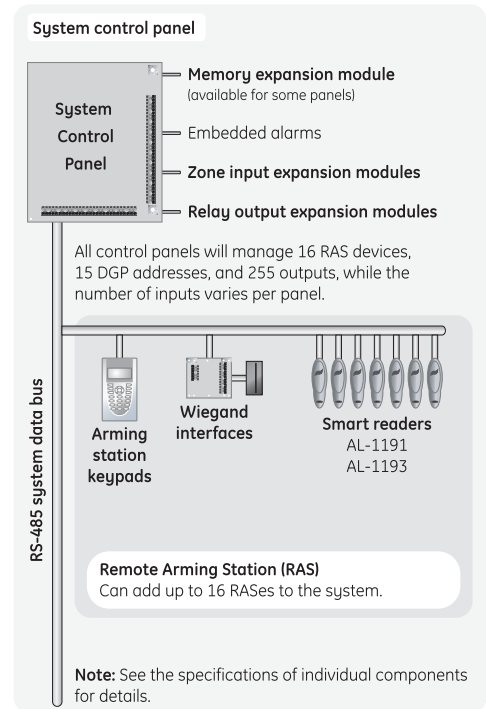
Europe  
T 32 2 725 11 20  
F 32 2 721 86 13

Latin America  
T 305 593 4301  
F 305 267 4300

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## System Block Diagram



## Specifications

Electrical	
Supply voltage	9 to 14 VDC
Current consumption	25 mA in standby; 80 mA during card read
Open collector output	1 (25 mA max.)
Features	
Addressing	By keypad, Alliance Manager, or configuration card
Request-to-exit input	Yes
Physical	
Color	AL-1191: 5 colors available AL-1193: Dark gray
Dimensions (LxWxD)	AL-1191: 1.3 x 4.3 x 0.67 in. (34 x 110 x 17 mm) AL-1193: 1.65 x 5.85 x 0.6 in. (42 x 149 x 15 mm)
Environmental	
Operating temperature	-31 to 150°F (-35 to 66°C)

## Ordering information

AL-1191	Alliance smart card reader with white snap-on cover and 8 ft. (2.44 m) cable
AL-1193	Heavy-duty Alliance smart card reader with 8 ft. (2.44 m) cable
AL-1660	Card Reader cover is white (10 pack)
AL-1661	Card Reader cover is red (10 pack)
AL-1662	Card Reader cover is gray (10 pack)
AL-1663	Card Reader cover is beige (10 pack)
AL-1664	Card Reader cover is black (10 pack)
AL-1665	Card Reader cover is light gray (10 pack)
AL-1450	Smart Cards (50 pack)
AL-1470	Smart Cards - Slim Line (individual cards)
AL-1472	Smart Cards - Mag Stripe (individual cards)
AL-1473	Smart Cards - Smart Tag (individual cards)



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