

S821 Contactless Smart Card Wall Switch Reader



SMART CARD READERS

The S821 is designed for mounting on most standard electrical backboxes for ease of installation.

The S821 Contactless Smart Card Reader is able to read both Texas Instruments™ (ISO 15693) smart cards, and the card serial number on Philips® MIFARE® smart cards.

For either type of card, the S821 supports the use of unencoded cards (where only the unique card serial number is read). In the case of Texas Instruments (TI) cards, an encoded card number can be read. Encoding formats supported include TI's own formats and our own "smartMAX" format.



The S821 can be connected to the multiNODE-1000, multiNODE-2 SMD, multiNODE-2000 and multiNODE-2100 controllers and is compatible with Lite, Professional, Enterprise and Global Software at Version 4.0 and later.

Unlike Wiegand interface readers, the S821 uses secure, bi-directional, Pseudo-Random supervised communications between the multiNODE controllers and their associated readers. An alarm will sound if communications are lost.

A distance from any of the multiNODE controllers to the S821 reader of up to 3000ft (1000m) can also be achieved.

The S821 has a maximum read range of up to 3" (75mm).

Other key reader features include LEDs for visual indication of card accepted or card rejected and an integrated buzzer for card read and door pre-held warning.

The S821 Wall Switch Contactless Smart Card Reader is very cost effective and comes with exceptional reliability and consistent read range characteristics.

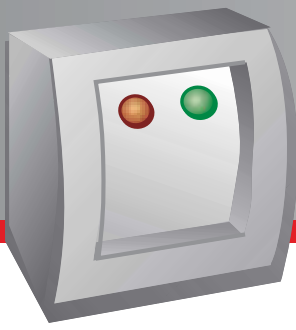
The S821 has fully potted electronics and is ideal for both outdoor and indoor use and is warranted against defects in workmanship for life (see our warranty policy for details).

Key Features

- Designed to fit most standard electrical back boxes
- Reads both Texas Instruments (ISO 15693) smart cards, and the card serial number on Philips MIFARE smart cards
- Maximum read range of up to 3" (75mm)
- Visual indication via LEDs for card accepted and card rejected
- Integrated buzzer for confirmation of card read and door pre-held warning
- Secure, bi-directional, Pseudo-Random supervised communications
- Rugged polycarbonate design with potted electronics - ideal for both outdoor and indoor applications
- Lifetime warranty

AMAG

Access Control & Security Management Solutions



S821 Contactless Smart Card Wall Switch Reader



SMART CARD READERS

General Specifications

● Model Types

Model S821 - Contactless Smart Card Wall Switch Reader

Available in ash gray color

The S821 is only compatible with Lite, Professional, Enterprise and Global Software at Version 4.0 or later



● Communicating Distances

MultiNODE-1000/multiNODE-2 SMD/multiNODE-2000/
multiNODE-2100 controllers to S821 (current loop) =
3000ft/1000m

● Dimensions inches (mm)

Width = 3.1" (78mm)

Height = 4.7" (120mm)

Depth = 1" (26mm)

● Operating Environment

-13°F to +158°F (-25°C to +70°C)

0% to 95% Humidity, non condensing

● Power Requirements

Nominal 12VDC (9-14V)

Maximum current consumption 0.1 Amp

● Approvals

Radio regulatory approvals to:

FCC CFR47 Part 15.209

EN 300 330 – 1 v1.3.1

EMC Type Testing to EN50130-4

Access control product testing to EN 50133-1:1997

IP656

R & TTE Directive 1999/5/EC



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CE ISO 9001:2000 Certified

Information contained on this literature is representative only and does not form part of a contract. Our policy is one of continuous product improvement and details may vary without notification.
We are absolutely committed to providing defect-free products and services to our customers in partnership with equally committed suppliers and authorized dealers.

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