

D A T A S H E E T

Symmetry™ S884-KP

Contactless Smart Card Reader



Key Features

Combined access control reader and intrusion keypad with software messaging control

Designed to fit most standard electrical back boxes

Four line, 20-character graphical display

Programmable display through Symmetry software

Tailored soft keys for the intrusion management module

Secure, bi-directional, pseudo-random supervised MCLP communications

Wiegand output (restricted functionality)

Wiegand input allows additional biometric or barcode reader

Maximum read range of 3" (75mm) dependent on card

Integrated door pre-held warning buzzer

Reads MIFARE® Classic, MIFARE® Plus, DESFire EV1, EV2, PIV, TWIC and FRACsmart cards

Product Overview

The Javelin S884-KP is a contactless smart card reader with LCD display and keypad designed for integrated access control and intrusion management. Primarily for high security areas, the Javelin S884-KP can operate as a standard access control reader or as a fully functional, intelligent alarm keypad with flexible intrusion alarm management capabilities. A single action of presenting a card at a reader can disarm the area behind the door (if authorized to do so) and unlock the door.

The Javelin S884-KP reads NXP MIFARE® and MIFARE® DESFire smart cards, in addition to PIV, TWIC and FRAC cards.

The Javelin S884-KP is designed for use with the Symmetry range of door controllers and is compatible with all versions of Symmetry software from version 6 and above. Symmetry version 7 and multiNODE-2150 controllers are required for the intrusion management features and advanced display options.

The reader keypad and display are backlit for ease of use and a range of power saving modes are included, providing the option to reduce the lighting levels when the reader is not in use.

The Javelin S884-KP uses secure, bi-directional, pseudo-random supervised communications to the door controller. Both the reader and cable are supervised, and an alarm will be generated if the reader is tampered with, or

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Supports DESfire EV3 cards in backwards compatibility mode

Multi-tone audio sounder for access granted, denied and PIN prompt

LCD for verification of card accepted or rejected

PIN prompt and verification of command functions initiated through reader keypad

Three color LED alert status indication

Backlight dim / turn off energy saving presets

Removes the need for a separate intrusion keypad for SCIF applications

Specifications

Model Types

- Javelin S884-KP - card with keypad contactless
- smart card reader and integrated alarm keypad

Dimensions Inches (mm)

- Width = 4.4" (113mm)
- Height = 6.0" (153mm)
- Depth = 0.9" (23mm)

communication is also supported between the reader and panel. The reader can also be connected to a slave Wiegand reader if required.

The Javelin S884-KP reader includes a graphical display for local intrusion management of areas and zones. Access control and intrusion messaging such as PIN prompts, door information and intrusion area alarm status is displayed using configurable text, icons and user-friendly graphical images.

Approvals

Radio Regulatory Approvals

- FCC CFR47 Part 15C
- EN 302291

EMC Type Testing

- EN 301489

Access Control Product Testing

- IP44: R & TTE Directive 1999/5/E
- UL 294
- UL 1076



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Operating Environment

- -32°F to +120°F (0°C to +49°C)
- 15% to 90% humidity, non-condensing

Note: These readers are not designed for harsh weather environments.

Communication Distances

- All Symmetry door controllers to Symmetry S884-KP (MCLP) = 3000 ft/1000m
- All Symmetry door controllers to Symmetry S884-KP (Wiegand) = 500 ft/150m

Power Requirements

- Nominal 12VDC (9-14V)
- Maximum current consumption 120mA

Purchasing Information

884-KP Javelin card reader with display – smart card



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