



Javelin S884-KP Contactless Smart Card Reader

Datasheet

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 FRAC smart cards
- 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

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 communications lost. Wiegand 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.



SPECIFICATIONS

Model Types

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

Communicating 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

Dimensions Inches (mm)

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

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.

If increased weather resistance up to IP67 is required then please use the following models instead:

- S874-EX-KP
- S870-EX-KP

Power Requirements

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

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

PURCHASING INFORMATION

- 884-KP Javelin card reader with display – smart card

