



JAVELIN S884

CONTACTLESS SMART CARD READER

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

The Javelin S884 is designed for use with the Symmetry multiNODE range of controllers and is compatible with all versions of Symmetry software from version 6 and above. Symmetry version 7 and M2150 multiNODE 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 uses secure, bi-directional, pseudo-random supervised communications to the multiNODE 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 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.

KEY FEATURES

- Combined access control reader and intrusion keypad with software messaging control
- 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) dependant on card
- Integrated Door Pre-held warning buzzer
- Reads Mifare Classic, Mifare Plus, DESFire EV1, PIV*, TWIC* and FRAC* Smartcards
- 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 colour LED alert status indication
- Backlight dim / turn off energy saving presets
- Removes the need for a separate intrusion keypad for SCIF applications

* North American version only



SPECIFICATIONS

Model Types

- Javelin S884 - Card with keypad Contactless Smart Card Reader and integrated Alarm Keypad

Communicating Distances

- Symmetry multiNODE controllers to Symmetry S884 (current loop) = 3000ft/1000m
- Symmetry multiNODE controllers to Symmetry S884 (Wiegand) = 500ft/150m

Dimensions inches (mm)

- Width = 4.4" (113mm)
- Height = 6.0" (153mm)
- Depth = 1.2" (30mm)

Operating Environment

- 32°F to +131°F (0°C to +55°C)
- 15% to 90% Humidity, non-condensing

Power Requirements

- Nominal 12VDC (9-14V)
- Maximum current consumption 200mA

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 (pending)
- UL 1076 (pending)

PURCHASING INFORMATION

- S884-KP Javelin Card Reader with Display - Smartcard



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