



## Javelin S874-EX-KP Smart Card Reader Datasheet

### KEY FEATURES

- Smart card access control card reader with keypad for a wide range of security applications
- Designed to fit most standard electrical back boxes
- Reads MIFARE® Classic, MIFARE® Plus, DESFire EV1, EV2, PIV, TWIC and FRAC smart cards
- Supports DESfire EV3 cards in backwards compatibility mode
- Secure, bi-directional, pseudo-random supervised MCLP communications
- Wiegand output
- Maximum read range of 1" (25mm) dependent on card
- Integrated door pre-held warning buzzer
- Multi-tone audio sounder for access granted, denied and PIN prompt
- LED feedback for verification of card accepted or rejected
- Three color LED alert status indication
- Operating temperature of -40°F to +158°F (-40°C to +70°C)
- IP67 when fitted with the supplied gasket, IP57 when not fitted with the gasket

The Javelin S874-EX-KP is a smart card reader with keypad designed for extreme weather conditions and environments for integrated access control. The attractive, contemporary black and silver finish is designed to complement any office or building environment.

The Javelin S874-EX-KP reads NXP MIFARE®, MIFARE® Plus, MIFARE® DESFire and MIFARE® DESFire EV1 smart cards, in addition to PIV, TWIC and FRAC cards.

The Javelin S874-EX-KP is designed for use with the Symmetry range of door controllers and is compatible with all versions of Symmetry software.

The Javelin S874-EX-KP uses secure, bi-directional, pseudo-random supervised MCLP communications to the door controller. Both the card reader and cable are supervised, and an alarm will be generated if the card reader is tampered with, or communications lost.

Wiegand communication is also supported between the card reader and controller.

### EXTREME ENVIRONMENT

The membrane keypad has been designed to allow the S874-EX-KP card reader to operate in extreme weather conditions, enabling full functionality in heavy rain, seawater, freezing and snowy conditions.

This readers IP ratings represent:

- IP67: Dust Tight, Protected against the effects of temporary immersion in water
- IP57: Dust Protected, Protected against the effects of temporary immersion in water



## SPECIFICATIONS

### Model Types

- Javelin S874-EX-KP - smart card reader with integrated keypad

### Communicating Distances

- All Symmetry door controllers to Symmetry S874-EX-KP (MCLP) = 3000 ft/1000m
- All Symmetry door controllers to Symmetry S874-EX-KP (Wiegand) = 500 ft/150m

### Dimensions Inches (mm)

- Width = 3.5" (85mm)
- Height = 4.4" (113mm)
- Depth = 0.9" (23mm)

### Operating Environment

- -40°F to +158°F (-40°C to +70°C)
- 15% to 90% humidity, non-condensing
- IP67 when fitted with the supplied gasket, IP57 when not fitted with the gasket

### 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

## PURCHASING INFORMATION

- 874-EX-KP – keypad smartcard reader for extreme conditions

