

# Javelin 874-EX-KP

## Smart Card Reader



### 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

### Product Overview

The Javelin 874-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 874-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 874-EX-KP is designed for use with the Symmetry range of door controllers and is compatible with all versions of Symmetry software.

The Javelin 874-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.

**Javelin 874-EX-KP  
Smart Card Reader****Specifications****Model Types**

- Javelin 874-EX-KP - smart card reader withintegrated keypad

**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

**Communication Distances**

- All Symmetry door controllers to Symmetry 874-EX-KP (MCLP) = 3000 ft/1000m - MCLP Communications not supported on OSDP controllers
- All Symmetry door controllers to Symmetry 874-EX-KP (Wiegand) = 500 ft/150m

**Power Requirements**

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

**Purchasing Information**

874-EX-KP – keypad smart card reader for extreme conditions

**Extreme Environment**

The membrane keypad has been designed to allow the 874-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

**Approvals****Radio Regulatory Approvals**

- FCC CFR47 Part 15C
- EN 302291

**EMC Type Testing**

- EN 301489

**Access Control Product Testing**

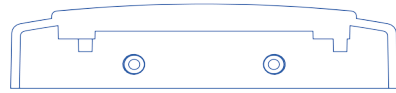
- IP44: R & TTE Directive 1999/5/E
- UL 294



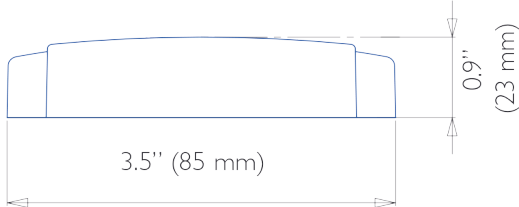
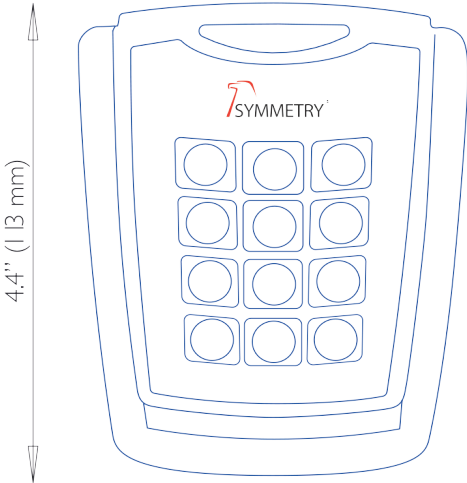


D A T A S H E E T

**Javelin 874-EX-KP  
Smart Card Reader**



3.5" (85 mm)



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