



D A T A S H E E T

Symmetry™ GOV

Access Control Readers



Key Features

High Frequency reader

Available with automatic OSDP / Wiegand interfaces:

Available in various form factors: Keypad, Wall Switch, Mullion

Designed to work with Symmetry Homeland Security (HSE) but also supports standard/ open communications protocols for use with other access control systems*

No third-party portal or licensing required

Supports generation 7 & generation 8 US Government issued credentials (PIV, PIV-I, CAC, TWIC)

Reads the full 128bit FASCN / UUID from US Government credentials

Fits standard electrical back boxes

DESFire, EV1, EV2 & EV3, cards encoded from Symmetry HSE

Suitable for indoor or outdoor installation

Product Overview

The Symmetry GOV readers work with Symmetry Homeland Security Edition (HSE). They read PIV, PIV-I, CAC, TWIC and Symmetry HSE encoded DESFire smart cards.

In addition to being designed to work with AMAG's software and M4000 controllers, the readers also works on Symmetry M2150 - HSE controllers (DESFire support only) and any controller supporting industry standard Wiegand or OSDP communications

Symmetry GOV readers can be installed in place of an existing card reader or alongside it for situations where existing card technology is not being changed.

Not intended for use on access points required to be FIPS 201- x / HSPD-12 compliant

*Requires connection to a controller that supports 128bit data stream



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Integrated door pre-held warning buzzer

Light bar feedback for card accepted or rejected

Keypad models: Optional PIN for higher security

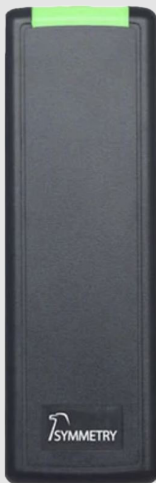
Specifications

Dimensions – Wall Switch and Keypad

- Width = 3.3" (83mm)
- Height = 5.1" (130mm)
- Depth = 0.8" (18mm)
- Pigtail = 18.0" (457mm)

Dimensions – Mullion

- Width = 1.7" (43mm)
- Height = 5.1" (130mm)
- Depth = 0.8" (18mm)
- Pigtail = 18.0" (457mm)



Mullion

Models

Keypad Readers

939S-KP-SWG Keypad reader, Wiegand + OSDP, PIV/ CIV, HF DESfire, HSE

Wall Switch Readers

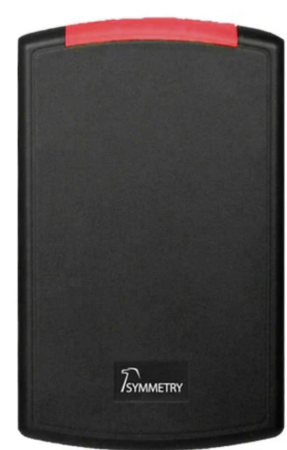
939S-SWG Wall Switch reader, Wiegand + OSDP, PIV/CIV, HF DESfire, HSE

Mullion Readers

929S-SWG Mullion reader, Wiegand + OSDP, PIV/ CIV, HF DESfire, HSE



Keypad



Wall Switch



1-800-889-9138

sales@amag.com

www.amag.com





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Specifications

Communication Distances

- Symmetry Door Controller to Symmetry Blue Reader = 500ft (150m)
- Wiegand = 500ft (150m)
- OSDP = 2,000ft (12VDC @200 mA power at reader with twisted pair cabling)
- Typical configurable read range (dependent upon phone model) 1 inch to 16 feet.

Operating Environment

- -40oF to +158oF (-40°C to +70°C)
- IP55 Rated

Power Requirements

- Nominal 12VDC
- Maximum current consumption 190mA (average 150mA or less)

Approvals

Radio Regulatory Approvals

- FCC Part 15
- IC RSS

EMC Type Testing

- EN301489
- EN302291 (13.56 MHz)
- EN300330 (125 KHz)

Access Control Product Testing

- UL294



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