The Symmetry F2F Reader family is the perfect complement to the Symmetry SR controller range. The F2F card readers are also compatible with legacy access control systems supporting supervised F2F protocol.

This unique multi-technology, multi-frequency card reader family has a modular, compact design which enables a variety of physical mounting options to ensure compatibility with any environment. The flexible F2F card readers support a range of both proximity and smartcard technologies making them suited to most applications.

Comprehensive security features such as tamper monitoring & reporting and four-state supervision of inputs prevent access when system integrity may be suspect.

There are two purchasing options for the Symmetry F2F card readers. Firstly they can be purchased as a kit to include the card reader, mounting plate, and cover, or alternatively the individual components can be purchased separately for conversion, maintenance, or customized applications.

**KEY FEATURES**
- Supports supervised F2F protocol
- Compatible with Symmetry SR Controller range
- Multi-technology, multi-frequency
- Modular design
- Supports Proximity and Smart Card technologies
- Multiple purchasing options
- 12 month warranty

**SPECIFICATIONS**

**Card Formats Supported**
- Casi Proxlite 12 Digit
- Casi Entre Prox 12 Digit
- HID 125kHz Prox
- HID iClass/15693 UID
- MIFARE 14443 UID

**Card Reader Range**
- Up to 120mm (dependent on credential type and local environment)

**Dimensions**
- US Single Gang: h 4.3” x w 3.27” x d 0.73” (110 x 83 x 19mm)
- Euro Switch Box Mount h 3.27” x w 3.27” x d 0.73” (83 x 83 x 19mm)
- Euro/Wall mount: h 3.27” x w 3.27” x d 1.53” (83 x 83 x 39mm)

*Dimensions include cover but do not include connector

**Operating Environment**
- -13°F to 140°F (-25°C to +60°C)
- Humidity: 5 – 95%

**Power Requirements**
- 8-30 VDC <125 mA

**Operating Frequency**
- 13.56 MHz, 125kHz

**Monitoring & Supervision**
- Door Contact (four-state supervision, 1K Ω)
- Request to exit (four-state supervision, 1K Ω)
- Tamper Magnet (magnet built into mounting plate)

**Interface Protocol**
- Supervised F/2F
### ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>Complete card-only reader kits – Euro/Wall Mount</td>
<td>SR-F2FR-TB Proximity reader F2F Multi-card technology with thin mounting plate (requires terminal block clearance), Black</td>
</tr>
<tr>
<td>Complete keypad reader kits – Euro/Wall Mount</td>
<td>SR-F2FR-KP-TB Keypad reader F2F Multi-card technology with thin mounting plate (requires terminal block clearance), Black</td>
</tr>
<tr>
<td></td>
<td>SR-F2FR-KP-DB Keypad reader F2F Multi-card technology with thick spacer for surface mounting, mounting on metal surfaces (does not require terminal block clearance), Black</td>
</tr>
<tr>
<td>Reader Components</td>
<td>SR-RCV-B US Single Gang cover, Black</td>
</tr>
<tr>
<td></td>
<td>SR-RCVKP-B US Single Gang keypad cover, Black</td>
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<tr>
<td></td>
<td>SR-RSP-B US Single Gang mounting plate with Tamper Magnet, Black</td>
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<tr>
<td></td>
<td>SR-RCV-EB Euro/wall mount cover, Black</td>
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<tr>
<td></td>
<td>SR-RCVKP-EB Euro/wall mount keypad cover, Black</td>
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<td></td>
<td>SR-RSP-TB Euro switch box mounting plate with tamper magnet, Black</td>
</tr>
<tr>
<td></td>
<td>SR-RSP-DB Euro/wall mount spacer with tamper magnet for surface mounting, mounting on metal surfaces (does not require terminal block clearance), Black</td>
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<tr>
<td></td>
<td>SR-F2FR-CORE F2F Reader Electronics Module (No housing, no cover and no spacer)</td>
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<tr>
<td></td>
<td>SR-F2FR-KP-CORE F2F Keypad Reader Electronics Module (No housing, no cover and no spacer)</td>
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</tbody>
</table>

**NOTE**

By default, the Symmetry F2F reader will read any and all technologies presented to it. If multi-technology cards are in use, please consult your technical representative prior to ordering.