The SC-IRDA is an infrared device that allows a PDA handheld to communicate with a datalogger without opening the enclosure door. Typically this interface is placed in a compression fitting that has been added to the side of an enclosure. The SC-IRDA infrared sensor is sealed against moisture allowing it to withstand exposure to rain and snow.

The SC-IRDA is compatible with PConnect software version 2.1 or higher, and PConnectCE software version 2.0 or higher. PConnect software supports Palm OS-based PDAs and PConnectCE software supports Windows® Pocket PC or Windows® Mobile OS-based PDAs. Compatible dataloggers include our CR510, CR10(X), CR1000, CR800, CR850, CR23X, CR3000, and CR7.

### Ordering Information

<table>
<thead>
<tr>
<th>Infrared Communications Interfaces</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>SC-IRDA</td>
<td>CS I/O Infrared Interface; user installs the SC-IRDA in the enclosure</td>
</tr>
<tr>
<td>17206</td>
<td>SC-IRDA installed in an ENC10/12, ENC12/14, ENC14/16 or ENC16/18 enclosure at the factory. Enclosure must be ordered in the same purchase order</td>
</tr>
</tbody>
</table>

At left is a closeup of the SC-IRDA interface mounted in an enclosure compression fitting. To communicate with the datalogger, point the PDA's IRDA sensor at the SC-IRDA sensor head exposed on the outside of the enclosure.

### Specifications

- **Power:** Supplied by datalogger 5 V (on CS I/O port)
- **Typical Current Drain**
  - Standby: 0.17 mA
  - Active: 6.2 mA
- **Baud Rate:** 9600 (default); rates up to 19200 selectable via software
- **Communications Range:** Up to 8 in. (20 cm) with typical lighting
- **Acceptance Angle:** 30°
- **Temperature Range:** -25° to +50°C
- **Communication Standards:** Conforms to the IRDA low power SIR specifications as supported by most PDA handhelds
- **PDA Requirements:** Must have an IRDA sensor and an infrared chipset compatible with the SC-IRDA (see PConnect or PConnectCE product brochure for other PDA requirements)
- **CE Compatible:** Complies with EMC standard EN61326:1996
- **Dimensions:**
  - Sensor Head Diameter: 0.5 in. (1.2 cm)
  - Sensor Head Length: 1.7 in. (4.4 cm)
  - Cable Length: 2.6 ft (80 cm)
- **Weight:** 3.2 oz. (90 g)