The ideal ID enrollment tool for use with all your applications

SWEDGE enrollment kits transfer easily card ID numbers into all your client applications. The SWEDGE enrollment kit is user-friendly and facilitates your enrollment operations using keyboard emulation, operating at 125 kHz, 13.56 MHz or UHF frequencies.

- **SWEDGE kit: easy to install**
  The enrollment reader communicates with the SWEDGE software via a USB connection (optional RS232). The system comes with installation CDs for quick installation.

- **Functional and user-friendly**
  The SWEDGE enrollment software is intuitive, practical and user friendly. The software and its interface have been designed to make it quick and easy to enroll card ID’s.
  Settings can be configured and adjusted using the interface, and the data format can be set to hexadecimal or decimal. The format of the data displayed can also be adjusted – for a display in bits or digits, as required.

- **3 kits available: 125 kHz, 13.56 MHz, UHF**
  3 SWEDGE kits are available, covering the full range of STid readers and identification systems:

  - **125 kHz SWEDGE kit**
    The STR 125 kHz reader transfers automatically the card number.
    The format is configurable: length, type (hexadecimal, decimal).

  - **13.56 MHz SWEDGE kit**
    The enrollment system can also be configured using the SECard application in order to read a private number. The SWEDGE enrollment software reads the CSN number or private number of the card depending on the configuration (SCB).

  - **UHF SWEDGE kit**
    The UHF STR enrollment system can be configured to quickly and easily enroll a UHF card number in a user-defined format.
## SWEDGE kits

**Keyboard emulation enrollment kits for 125 kHz, 13.56 MHz and UHF**

<table>
<thead>
<tr>
<th>Operating frequency/standards</th>
<th>125 kHz STR reader</th>
<th>13.56 MHz STR reader</th>
<th>UHF STR reader</th>
</tr>
</thead>
<tbody>
<tr>
<td>125 kHz</td>
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<td>ISO14443A, ISO14443B (PUP1), ISO18092</td>
<td>ETSI version: 866 MHz</td>
</tr>
<tr>
<td>13.56 MHz</td>
<td>ISO14443A, ISO14443B (PUP1), ISO18092</td>
<td>Mifare Ultralight®, Mifare, Ultralight® C, Mifare Classic®, Mifare Plus®, Mifare DESFire®, Mifare DESFire EVI®, NFC, SMART MX series, CP53 cards, Moneo type A</td>
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</tr>
</tbody>
</table>

**Chip compatibility**

- 410X, 4X50, 5X7 family
- Mifare Ultralight®, Mifare, Ultralight® C, Mifare Classic®, Mifare Plus®, Mifare DESFire®, Mifare DESFire EVI®, NFC, SMART MX series, CP53 cards, Moneo type A

**Reading distances**

- Up to 6 cm with a ISO card
- Up to 5 cm with a ISO card
- Up to 1 m with a ISO card

**Communication interfaces**

- USB (RS232 optional)
- USB

**Power supply**

- Powered by USB interface
- Powered by USB interface
- (USB: SWEDGE-W15, RS232: SWEDGE-W12)
- (USB: SWEDGE-R35, RS232: SWEDGE-R32)
- ETSI USB: SWEDGE-W45, FCC USB: SWEDGE-W55

**Material**

- ABS

**Dimensions**

- 126 x 80 x 30 mm

**Operating temperatures**

- 0°C to + 70°C
- 0°C to + 70°C
- 0°C to + 50°C

**Part number**

- USB: SWEDGE-W15
- RS232: SWEDGE-W12
- USB: SWEDGE-R35
- RS232: SWEDGE-R32
- ETSI USB: SWEDGE-W45
- FCC USB: SWEDGE-W55

**Caution**: information about the distance of communication: measured from the centre of the antenna, depending on the type of identifier, size of the identifier, operating environment of the reader and power supply voltage.

### SWEDGE software

**System requirements**

- Windows 98ME, 2000/XP, VISTA or Windows 7
- 50 MB free disc space

**STR RFID reader driver**

- USB FTDI driver for Windows 95ME, 2000/XP, VISTA and Windows 7 (included)

### Other kits

- **Development kit - DEVKIT**
  - Kit to integrate SSCP secure protocol and reading and writing functions of all NXP family chip.

- **Programming Kit - SECARD**
  - Creates configuration cards for high-security readers and user cards.

- **UHF Programming Kit - ULTRYS**
  - UHF programming kit to create «configuration cards» for readers and «user cards».

- **UHF SDK**
  - Kit to integrate SSCP protocol and reading/writing UHF functions in your applications.

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