

## Keyboard emulation enrollment kits **SWEDGE**

Software and RFID reader  
for 125 kHz, 13.56 MHz and UHF technologies



### 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

	125 kHz STR reader	13.56 MHz STR reader	UHF STR reader
Operating frequency/ standards	125 kHz	13.56 MHz ISO14443A, ISO14443B (PUP1), ISO18092	ETSI version: 866 MHz FCC version: 915 MHz
Chip compatibility	410X, 4X50, 55X7 family	Mifare Ultralight®, Mifare, Ultralight® C, Mifare Classic®, Mifare Plus®, Mifare DESFire®, Mifare DESFire EV1®, NFC, SMART MX series, CPS3 cards, Moneo type A	EPC1 Gen 2 ISO18000-6C
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 (12VDC external power supply in RS232)		Powered by USB interface
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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