MIFARE® Upgrade module SE 1140 MIX
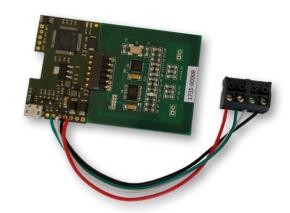

MIFARE® Upgrade Module for adding MIFARE Classic or MIFARE DESFire Ev1 identification to access control systems

Functional description

Designed for integration into access control systems as an add-on or replacement for the existing card reader.

The RFID reader module reads MIFARE® family of cards including DESFire Ev1.

Connection to the access control panel is available via Wiegand or Clock/Data depending on the actual firmware and configuration.

In-field configuration is available via a USB interface that allows for both firmware update and changing of configuration.

Product versions

SE 1140 MIX	MIFARE® Upgrade Module

CARD TECHNOLOGY	DATA TYPES	DATA	DATA FORMAT
NXP MIFARE®	Sector data or UID/CSN	32, 56 & 128 Bit	26,32,56 Bit Hex/Dec/ASCII/Rev
NXP Ultralight®	UID/CSN	32 & 56 Bit	26,32,56 Bit Hex/Dec/Rev
NXP DESFire®	App data or UID/CSN	32, 56 & 128 Bit	26,32,56 Bit Hex/Dec/ASCII/Rev
Legic® Advant (ISO14443A)	UID/CSN	32 & 56 Bit	26,32,56 Bit Hex/Dec/Rev

The custom format allows for verification of valid data received on bit length and selecting part of the card number by use of offset and data length. Output data can be formatted as decimal or hexadecimal and can be truncated.

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How to order

When ordering a card reader please specify: product number & configuration in the following manor:

Version	SE 1140 MIX	MIFARE® Upgrade Module
Configuration	SE 1140 SFN	Format ID: xx , I/O = High/Low

Selecting data format and interface type

The firmware in the c allows for multiple output formats in order to interface seamlessly with the access controller.
The Clock/Data interface outputs the card number using the ABA / Track 2 protocol.
The Wiegand interface outputs the card number common Wiegand formats.

On site configuration requires seucu software, which is freely downloadable from
www.securityengineering.dk
The current format list is available on the website..

Audio & visual indication

The MIFARE® Upgrade Module is equipped with a Red and Green LEDs for visual indication.

Firmware

The card reader can be firmware updated in field using the seufu.exe utility, which is freely downloadable from *www.securityengineering.dk*
Standard firmware supports Wiegand or Clock/Data Interface.
Alternative firmware is available with RS485 interface.

Data

Dimensions	73 x 46 x 5 mm (L x W x H)
Connection	4 wire interface – Optional 6 way AK130 connector for use with HiSec EAC
Cable	Fixed mount / 100mm
Commodity code	8471.90.00.00
Country of Origin	DK
ECCN code (US)	N
Export list number (EU)	N

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