# FEIG

ID CPR40.30-A

# HF DESKTOP READER

– Desktop reader with RS232 interface
  to be used in offices or at the PoS

– ISO 14443-A & -B

– Supports NFC applications

– High level support for mifare® DESFire EV1
  and mifare® PLUS

– ISO Host or PC / SC driver

### Desktop Reader

Desktop reader ID CPR40.30-A is designed for contactless data exchange with common transponders according to ISO14443-A and ISO14443-B as well as NFC devices according to ISO 18092. It is ideally suited for several desktop applications just like eTicketing, eDocument, loyality cards or public transport.

The functions "SoftCrypto" and "SAMCrypto high level" offer an comfortable and fast interface for access to encrypted data of mifare DESFire EV1, mifare PLUS and mifare Ultralight C.

## Technical data

| | |
|---|---|
| Dimensions (w x h x d) | 144 mm x 84 mm x 18 mm |
| Weight | approx. 260 g |
| Housing | Plastic (ASA) / Acrylic glass |
| Color | white / black |
| Protection class | IP42 |
| RFID Interface | ISO 14443-A/-B (106 … 848 kBit/s) |
| Operating frequency | 13.56 MHz |
| Transmitting power | 100 mW |
| MTBF | 500,000 h |
| Supply voltage | 5 V DC ± 10 % ripple |
| Current consumption | max. 140 mA |
| Antenna | integrated |
| Interface | RS232 (4,800 up to 230,400 Baud) |
| Indicators, optical | 2 LED (green / blue) |
| Contact interface | ISO 7816 |
| Operation modes | Polling-Mode, Scan-Mode |
| Supported transponders | mifare classic, mifare UltraLight, mifare DESFire, mifare PLUS, mifare UltraLight C, my-d move, Jewel™, FeliCa, NTAG, mifare / NTAG Ev2 Crypto, NFC Devices in Card Emulation Mode (Tag Type 1 … 4) |
| Software Development Kits | Windows (C++, .NET, Java), LINUX (C++, Java), Raspberry Pi |
| USB driver, PC / SC driver | Windows Server 2012 and 2016, Windows 7, 8 and 10; 32 / 64 Bit |
| Temperature range | |
| Operation | –20 °C up to +60 °C |
| Storage | –40 °C up to +85 °C |
| Relative air humidity | max. 95 % (non-condensing) |

ID CPR40.30-A

## Standard conformity

| | |
|---|---|
| Radio license | |
| Europe | EN 300 330 |
| EMC | EN 301 489 |
| Safety & Health | EN 60950, EN 50364 |
| Environment | RoHS-2002/95/EC, WEEE-2002/96/EC |

## Order descriptions

| | |
|---|---|
| ID CPR40.30-A | Desktop Reader RS232 |

## Scope of delivery

| | |
|---|---|
| ID CPR40.30-A | 2.5 m cable (permanently mounted) for power supply (5.5 mm coaxial connector) and interface (9-pin D-Sub connector), Installation manual |