

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, loyalty 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.

HF DESKTOP READER

Desktop reader with RS232 interface

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 \pm 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)

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
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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
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