ID CPR30pro

HF DESKTOP READER

- Desktop reader with USB interface to be used at work or at the PoS
- ISO 14443-A/-B, ISO 15693 and ISO 18000-3M3
- Supports Google Smart Tap, Apple Value Added Services (VAS) and other NFC applications
- Also available as variant with 2 SAM sockets
- High level support for mifare® DESFire and mifare® PLUS
- FEIG USB driver or PC / SC driver

Desktop Reader

Desktop readers ID CPR30pro and ID CPR30pro SAM are designed for contactless data exchange with common transponders according to ISO14443-A and ISO14443-B, ISO 15693, ISO 18000-3M3 as well as NFC devices according to ISO 18092. They are 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.

EV2 Secure Messaging is supported for newer NXP chips.

HF DESKTOP READER

Desktop reader with USB interface and optional 2 SAM sockets

Technical data

Dimensions (w x h x d)	144 mm x 84 mm x 18 mm
Weight	approx. 110 g
Housing	Plastic (ASA-PC) / Acrylic glass
Color	white / black
Protection class	IP42
RFID Interface	ISO 14443-A/-B (106 ... 848 kBit/s), ISO 15693
Operating frequency	13.56 MHz
Transmitting power	300 mW
MTBF	500,000 h
Supply voltage	5 V DC (via USB)
Current consumption	max. 220 mA
Antenna	integrated
Interfaces	USB Full-Speed (12 MBit/s)
Indicators, optical	2 LED (green / yellow)
Indicators, acoustic	Buzzer, integrated
Contact interface (only ID CPR30pro SAM)	ISO 7816 – 2 SAM socket (ID000 format) – T = 0 und T = 1 protocol – Voltage classes A, B & C
Operation modes	Polling-Mode, Scan-Mode
Supported transponders	ISO 15693*, ISO 14443-A**/***, ISO 14443-B***, ISO 18000-3M3 Apple Enhanced Contactless Polling (v2.3)
Software Development Kits	Windows (C++, .NET, Java), LINUX (C++, Java), Raspberry Pi
USB driver, PC / SC driver	Windows Server 2012 and 2016, Windows 10 and 11, HID in Scan-Mode
Temperature range	
Operation	–20 °C up to +60 °C
Storage	–40 °C up to +85 °C
Relative air humidity	max. 95 % (non-condensing)

* Tag-it HFI, Fujitsu MB89R11x, STM24LRx, STMLRI2k, I-Code SLI/SLIX, I-Code ILT, NFC Tag Type 5 in NFC Card Emulation Mode

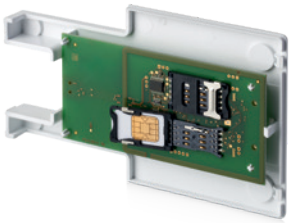
** mifare® classic, mifare® UltraLight, mifare® DESFire, mifare® PLUS, mifare® UltraLight C, my-d® move, JewelTM, FeliCa, NFC Tag Type 1...4 in NFC Card Emulation Mode

*** ISO 14443-4 fully supported

Standard conformity

Radio license	
Europe, UK	EN 300 330
USA	FCC 47 CFR Part 15
Canada	IC RSS-Gen, RSS-210
EMC	EN 301 489
Safety & Health	EN 62368-1, EN 50364
Environment	RoHS, WEEE

ID CPR30pro / ID CPR30pro SAM



ID CPR30pro SAM

Order descriptions

ID CPR30pro
USB, USB Port Powered

ID CPR30pro SAM
USB, USB Port Powered, 2 SAM sockets

Scope of delivery

ID CPR30pro / ID CPR30pro SAM
USB cable (A – Mini B plug, black, 2.5 m),
Installation manual

FEIG

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Information updated: October 2025. The information in this document is subject to change without prior notice and is not to be considered as a warranted characteristic.
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