



classic-pro

**Desk Top Reader
ID CPR.04.P/AB-USB**



Desk top reader for reading and writing of ISO 14443 transponders.

Features:

- Multi-tag reader for ISO tags 14443-A and -B
- Full support of ISO 14443-4 functionality with the T=CL protocol
- Data transfer rate of up to 848 kBit per second
- USB 2.0 Full speed interface
- Windows DLLs, API and PC/SC driver available
- Desk top reader to be used in the office or at PoS, for applications like ticketing, charging systems, ePassport etc.

Short description and technical information

Short description

The desk top reader ID CPR.04.P/AB-USB supports transponders that comply to the ISO 14443-A and ISO 14443-B standard with a data transfer rate of up to 848 kBit per second. The reader is equipped with a high-speed, USB 2.0 interface providing a very fast data transfer rate.

The ID CPR.04 guarantees the full support of ISO 14443-4 functionality with the T=CL protocol, simplifying the integration of the reader.

The Software Development Kit (SDK) provides a high level command, control and configuration interface for Windows DLLs and finally a PC/SC driver to ensure a fast and reliable integration into existing systems and applications.

Due to the high data transfer rate, the reader is suitable for applications like ticketing and electronic fare management, especially.

The reader supports current transponders regarding to ISO 14443 A/B like mifare[®] ultralight, mifare[®] standard, mifare[®] DESFire, Smart MX, my-d[®] proximity, SLE66CL..., ST19XR..., Jewel[®] etc.

Technical data

Housing	Plastic ASA
Dimensions	145 x 87 x 27 mm
Colour	black, transparent
Weight	approx. 300g
Protection class	IP30
Power supply	via USB interface
Power consumption	max. 500 mA
Temperature range operation storage	-25° C to +60° C -40° C to +85° C
Humidity	95% (non-condensing)
Antenna	integrated
Operating frequency	13,56 MHz
Transmitting power	750 mW +/- 1 dB
Magnetic field strength	4,5 A/m (1 cm above the antenna)
Supported transponders	ISO 14443-A and ISO 14443-B incl. T=CL protocol (ISO 14443-4)
Data transfer rate	up to 848 kBit per second
LED	Blue (transponder in field), green (online/offline)
Interface	USB 2.0 High Speed

Standard conformity

Radio license	
- Europe	EN 300 330
- USA	FCC 47 CFR Part 15

Can be combined with



ID CPR.04.P/AB-USB



ID CPR.M02.VP/AB-x

Reader module with integrated antenna for integration into terminals or hand-helds.