

Multitag-Desktop Reader ID CPR40.30 (13.56 MHz)



FEATURES

- Multi-tag Reader for ISO tags
14443-A & -B tags
- Supports NFC applications
- Data rates up to 847 kBit/s
- PC/SC driver USB
- Desktop Reader to be used in
offices or at the PoS for
applications like Ticketing,
Payment Systems, eDocument
etc.
- Command Queue for considerable
reduction of communication
cycles between reader and host
- Optional: 2 SAM sockets



RFID Desktop Reader ID CPR40.30-USB / -SUSB

DESCRIPTION

Order description:

Desktop Reader ID CPR40.30-USB / -SUSB

The ID CPR40.30-USB /-SUSB is designed as a desktop device for contactless data exchange with common ISO14443-A and ISO14443-B compliant transponders. In addition, the ID CPR40.30-SUSB is equipped with two SAM sockets.

Power supply and data exchange with a computer or other equipment is carried out via the USB interface.

Scope of delivery:

- Reader ID CPR40.30-USB or ID CPR40.30-SUSB
- USB cable (A – Mini B connector)
- CD-ROM with OBID® PC/SC driver USB
- Installation manual

TECHNICAL DATA

Dimensions	144 x 84 x 18 mm (5.69 x 3.30 x 0.71 in)
Housing	Plastic ASA, Front: acrylic glass
Color	white and black
Weight	approx. 105 g
Protection class	IP 42
Operating frequency	13.56 MHz
RF transmitting power	100 mW
Supply voltage	5V, USB Bus powered
Current consumption	max. 140 mA
Supported transponders	ISO 14443-A* ISO 14443-B** (106, 212, 424, 847 kbit/s) Polling-Mode & Scan Mode
Operation modes	integrated
Antenna	integrated
Interface	USB Full-Speed (12 MBit/s)
Optical indicators	2 LED green: power and online/offline blue: Transponder communication
ISO 7816	
Contact interface***	2 x SAM socket (SIM-Card Format) 9.600 – 115.200 bit/s
Temperature range	
Operation	-20 °C up to 60 °C
Storage	-40 °C up to 85 °C
Relative air humidity	95 % (non-condensing)
MTBF	500.000 h
Driver Support	PC/SC driver and OBID® USB driver for Windows®2000 SP4, Windows® Server 2003, Windows®XP SP2, Vista® 32 Bit

* z.B. mifare® classic (mini,1k,4k), mifare® UltraLight, mifare® DESfire, Smart MX, my-d® proximity, SLE44R35S, SLE55R..., etc.

** z.B. SLE66CL, ST19XR34, SRI4K, SR1X4K, SRI512, SR176, RF360 etc. Jewel™

NFC: Typ 1, Typ 2 and Typ 4 in Read/Write- and NFC Card Emulation

*** only ID CPR40.30-SUSB

STANDARD CONFORMITY

Radio approval	
Europe	EN 300 330
USA	FCC 47 CFR Part 15
EMC	EN 301 489
Safety	
Low Voltage	EN 60950
Human Exposure	EN 50364



FEIG ELECTRONIC reserves the right to change specification without notice at any time. State of information: March 2009.