

MD-K531-P : CARD PRINTER INTERFACE - ISO14443

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ABSTRACT



Pro-Active MD-K531-P is an ISO14443-A/B reader / writer OEM Module equipped with an antenna and an USB interface :

- Easy to integrate to a Card printer
- Read and write access to MIFARE® cards,
- Suitable for use with DESFIRE® cards as well as with other ISO 14443-A T=CL products,
- Philips MF RC531 chipset,
- USB interface allows connecting to a PC,

Same API as Pro-Active SpringProx and CSB products, available in ANSI C through a full-featured developers kit.

The antenna, featuring :

- a ferrite shield,

The USB interface, featuring :

- USB interface,
- USB type B connector

SAMPLE APPLICATIONS

- Ticketing, transportation,
- Tracking,
- Loyalty,
- Private money payment, road toll pricing,
- Physical access control

Upon request, a dedicated firmware may be developed and embedded into the MOD-K531 for the highest performances in your specific application.

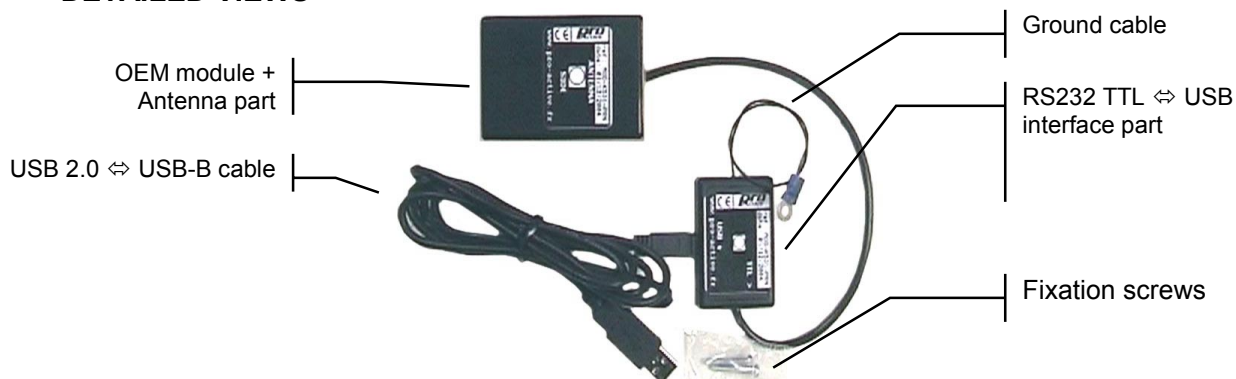
ORDER CODES

MD-K531-P

Related starter kit : SRK-K531

Pro-Active MOD-K531 OEM module without antenna or Pro-Active MOD-K531 OEM module + square antenna with RS422 interface : see related datasheet

DETAILED VIEWS



TECHNICAL DATA

Description ISO14443-A/B Reader / Writer for cards printers with Mini USB type B connection.

Order code MD-K531-P

Size Antenna part : 70x50x25mm
USB part : 55x35x15mm
USB cable length : 1.5m
TTL cable length : 250mm

Weight 125 g

Temperature range -20°C → +80°C

Power supply USB

Power consumption 200mA max. (depending on antenna tuning)

Operating distance up to 60mm (depending both on the tag and on the antenna tuning)

Supported tag MIFARE® Standard / UltraLight (native),
MIFARE® DESFire (soft. API),
ISO14443-A tags (soft. T=CL API),

Starter Kit Pro-Active SpringProx API (ANSI C) (featuring the whole Philips MIFARE® / PEGODA® function set) available separately

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DATASHEET

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