

Targetted markets

- eTicketing,
- Tracking,
- Loyalty,
- Transit, Road Toll,
- Access Control



Pro Active MOD-K531

ISO 14443 OEM reader with antenna – MOD-K531-232

K531 is an ISO/IEC 14443 OEM module. It is suitable to read or write Philips MIFARE® and DESFire® leading products, as well any T=CL compliant tag or card from any other manufacturer.

Mounted on a rectangular antenna, K531 becomes a ready-to-use versatile contactless coupler, that can be embedded in virtually any kind of appliance : vending machine, card printer, access control gate, enrollement station, ...

It is part of the Evolis Contactless standard offer and can be fully operated thanks to the EXPERT module of eMedia Card Designer (Mifare® only).

Thanks to a very innovative wizard, eMedia EXPERT provides the end-user with a fully automated solution to drag and drop the data objects into the card's memory map.

Access keys may also be settled through the EXPERT module.

eMedia Card Designer EXPERT combined with an Evolis printers and Pro Active module is the ideal solution to personalise Mifare cards in one go.

Available on:

- Pebble
- Dualys
- Securion
- Tattoo
- Tattoo Rewrite
- Quantum

Software Development Kit:

- Included
- Not included
- Free of charge
- Charged

Computer connection:

- RS232
- USB port

This datasheet provides details regarding the above-mentioned item integrated into an Evolis printer. Please note that specifications and details are subject to change without notice and should therefore be confirmed by Evolis prior to any purchase.

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Feature set

Main characteristics	RF Transmission frequency: 13.56 Mhz Supported standards: ISO 14443A Communication: RS232 interface Rx/Tx 38,4 Kbauds / 115,2 Kbps 8bits, 1 stop, no parity, no flow control
Supported Tag-ICs	Mifare® Standard, Ultra-Light (native) Mifare® DESFire (soft, API) ISO 14443A Tags (soft, T=CL API)
Reading distance	Up to 60mm, depending on Tag and Antenna tuning
Operating conditions	Operating Temp. -20°C to +80°C / -4F to +176F
Electrical data	Power supply: 5V Power consumption: 90 mA (typical value)
Software	Not included in the Evolis offer, should be ordered to Pro-Active Pro-Active SpringProx API (ANSI C) featuring the while Philips Mifare®
Computer interface	RS232 between the Evolis printer and the computer Cable supplied

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