



OEM CONTACTLESS READ / WRITE MODULE

K531

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

Product family

K531

OEM contactless reader / writer without antenna

K531-TTL

Ready-to-use contactless reader / writer with antenna and serial link (TTL 0/5V level)

K531-232

Ready-to-use contactless reader / writer with antenna and RS-232 link (+/- 10V)

K531-485

Ready-to-use contactless reader / writer with antenna and RS-485 serial link

Benefits

K531 family has many features that make it the only product on the market to provide such flexibility at low cost.

- ✓ Metallic bonnets to protect from radiations
- ✓ Ferrite on antenna to protect other components from radiations
- ✓ Full support of Philips MIFARE and DESFire leading products
- ✓ Embedded T=CL protocol, ISO/IEC 14443 A & B compliance from layer 1 to 4. Able to read/write all files/sectors of Mifare, DESFire,...
- ✓ High level function set
- ✓ High speed communication

A few applications...

- ✓ Ticketing, transportation, road toll pricing
- ✓ RFID tracking, loyalty
- ✓ Private money payment, corporate ID card, citizen card
- ✓ Physical access control
- ✓ ...

Development kit

Pro-Active offers a Development Kit for the K531 family to assist in writing applications for almost any host microcontroller or computer. The kit includes :

- A K531-TTL module
- The K531 Developer's Board
- Sample MIFARE and DESFire cards
- API and sample programs (C source code), documentation
- One year access to technical support

Additional information is available on our web site, through our distributors worldwide, or by emailing us at info@pro-active.fr .



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