



WALL-MOUNT CONTACTLESS READER

IWM-K531



IWM-K531 is a versatile wall-mounted reader, for residential or corporate access control.

Supported cards

IWM-K531 reads serial numbers from any ISO/IEC 14443 A or B proximity card, including,

- ✓ NXP **Mifare** and UltraLight,
- ✓ NXP **Desfire**,
- ✓ ST MicroElectronics SR176, Calypso, and many others !

Key features

- ✓ **On-the-fied configuration** through Mifare cards, protected by HMAC-MD5 digital signature,
- ✓ Black design, low-profile encasing that **fits anywhere**,
- ✓ 2 LEDs (red / green) + 1 buzzer.

Output formats

Two models of IWM-K531 provide different output interfaces.

Order code : **IWM-K531-WD**

RS-485, Wiegand or Dataclock (ISO2/Magstripe) output.

Order code : **IWM-K531-SU**

RS-232 or USB output.

Serial baudrates and frame size are customizable to connect easily to any access control unit.

Development kit

IWM-K531 is the platform of choice for developers wishing to embed their application directly inside the reader. With its 32ko of flash and 2ko of RAM, **IWM-K531** can do much more than reading serial numbers, for instance :

- High level dialog with card's applets,
- Increment / decrement counters –under control of host application– for ticketing, payment or loyalty applications,
- Add anti-clone feature using HMAC-MD5 for card's signature.

Please contact us for details.

IWM-K531-SU can also be flashed with CSB4's firmware, providing CSB4S or CSB4U features in a wall-mounted device.

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



Benefits

- **Versatile reader, with highly customizable outputs**
- **Open platform to develop your own reader firmware**
(advanced Mifare or Desfire operation, T=CL communication with 7816-4 cards, ...)
- **Firmware is easily upgradable**

PRO ACTIVE
Parc Gutenberg
13, voie La Cardon
91120 PALAISEAU
France

www.pro-active.fr

Tel : +33 1 64 53 20 10

Fax : +33 1 64 53 20 18

e-mail : info@pro-active.fr

© Pro Active SAS 2007

Information in this document is subject to change without notice. Reproduction without written permission of PRO ACTIVE is forbidden. PRO ACTIVE and the PRO ACTIVE logo are registered trademarks of PRO ACTIVE SAS.

All other trademarks are property of their respective owners.