

## 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-fly 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, and 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](mailto: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**

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