



Accesso™

Low-cost, USB, multi-standard
13.56 MHz contactless PC reader

Features

- ISO 14443A&B, ISO 15693, and FeliCa™
- Easy USB Installation
- Powered via USB port
- Cryptographic security management for PicoTag™ and PicoPass™
- Serial communication driver for easier development on PC
- Transparent mode providing open contactless interfaces
- Evaluation kits available

Typical applications

- PC Logon
- Internet/Intranet access
- E-Commerce (e.g. home reservation, pre-paid cards etc)
- Personalization station
- Identity confirmation
- Point of sale
- Whenever a PC needs to communicate with a contactless transponder

Accesso™ is a USB contactless reader compliant with ISO 14443 A/B, ISO 15693 standards and with capability to communicate with FeliCa™ chips.

Universal PC Systems Compatibility

Accesso™ works with Windows® 98, Millenium, 2000, XP.

INSIDE's Products Compatibility

Accesso™ is fully compliant with PicoPass™, PicoTag™ chips as well as INSIDE's M210-2G and M220-2G range of couplers and all applications software developed for those couplers.

Plug-&-Play functionality

Thanks to its USB connection, **Accesso™** is really easy to install. No extra power or cables are required.

The simple drivers installation and evaluation tools make it easier for novice software developers to work on their applications.

Security

Accesso™ acts as a security module. It provides state-of-the-art security, including secret key management and cryptographic calculations that enable secure authentication and communication between the transponder and the coupler but also with the host.

Going the Distance

Accesso™ provides the unique combination of small size, low cost, easy integration, fast communication speed and a communication distance up to 4 cm when used with PicoPass™.

Order reference

with ISO 14443 A/B, ISO 15693 and FeliCaTM

OEM
Packaged

Accesso/OEM/F
Accesso/F

Kits offer

Product

Accesso Kit

Description

The Accesso Kit allows developers to evaluate the INSIDE's technology and makes subsequent integration a straightforward experience.

Key technical data

General specifications

Operating frequency
Operating temp^o
Operating Distance

13.56 MHz
-20°C to + 70°C
4 cm (with PicoPassTM)

Interfaces

Host interfaces
Baud rate
ISO standards
Supported operating systems

USB
up to 115.2 kbps
14443 A/B, 15693 and FeliCaTM
Windows®, 98, Me, 2000, XP

Accesso module block diagram

