

access^o

Low-cost, multi-standard
13.56 MHz desktop reader

Features

- Interoperable with ISO 14443 A&B, ISO 15693, and SonyProtocol
- USB interface
- USB bus powered (no external power source)
- Supports Windows[®] 98, Mn, 2000, XP
- Serial communication driver for easier PC-linked application development
- Embedded evaluation kit
- Cryptographic security management for **pico**pass[®] chips
- Transparent mode preserves open connection with contactless interfaces

Applications

- Log-on to Windows[®], networks, websites
- E-commerce (e.g. booking from home, purchasing with prepaid cards)
- Card programming stations
- Access control
- Point-of-sale terminals

The access^o desktop reader is designed for software developers and system integrators. It is a plug-and-play solution with an embedded evaluation kit that enables users to experience the convenience, speed and security of access^o and its functions in a PC environment.

Interoperable, low-power, and cost-effective it ensures PC-based transactions with contactless transponders.

Multi-standard

access^o complies with ISO standards 14443 A/B, 15693, and Sony Protocol.

It also supports Microsoft operating systems Windows[®] 98, Millennium, 2000, and XP.

access^o operates seamlessly with the INSIDE Contactless chips **pico**pass[®].

Easy to Install

access^o's plug-and-play capability does away with extra cables and power requirements. The user just plugs the reader's USB cable into his/her computer.

With its easily installed drivers and evaluation kit, **access^o** makes life easy for novice software developers, allowing them to focus on developing their applications.

Secure

access^o acts as a state-of-the-art security module. It uses secret key management and cryptography calculations for authentication and secure communications between **pico**pass[®], coupler, and host.

access^o

Available Kit Product

Reference

with ISO 14443 A/B, ISO 15693 and Sony Protocol

OEM

Packaged

access^o/OEM

access^o

Key Technical Data

General Specifications

Operating frequency
Operating temperature
Operating distance

13.56 MHz
-10°C to +70°C
4cm (with **pico**pass^o)
4cm (with **micro**pass^o)

Interfaces

Host interfaces
Baud rate
ISO standards
Supported operating systems

USB
up to 115.2 kbps
14443 A/B, 15693 and Sony Protocol
Windows^o, 98, Me, 2000, XP

The access^o Module

