RF IDEAS

Single Badge Solutions for Identification and Access

AIR ID® Playback

No-software reader for reading user data from memory of contactless smart cards

Overview

AIR ID products meet a variety of needs in multiple situations. AIR ID products leverage current HID *iClass* and NXP MIFARE badge investments and existing control systems while expanding technologies and applications with a single badge solution.

The AIR ID Playback interfaces contactless cards to existing applications and systems without the need to change or update these systems. There is no need to deploy software. The plug-and-play AIR ID Playback reader delivers user data from the contactless card to the desired application or machine. Data may be written to the card using the AIR ID Writer. In many cases, the Playback reader can be configured to read data already on the card. The reader is instantaneously configurable, allowing users to change the location being read on the contactless card. There is no need for pilot tests, training, software updates, technical support, licenses or the hassle of incompatibilities since no software is deployed. This multi-application reader delivers strong benefits to the user: easy plug-and-play, contactless operation, and cost savings.

Applications

- •PC/LAN or application log-on
- •Time and attendance
- •Employee identification
- •Mag-stripe and bar-code replacement
- •Form filler to existing software applications
- •Truck scales
- •PLC and embedded controllers
- •Point-of-sale/vending

Features

No software required on server or client: Utilizes a plug-n-play USB, RS-232 or Wiegand output

Multi-application solution: Allows for several applications to be stored on a single contactless credential

Security: AIR ID contactless cards offer unique features such as cryptographic data storage, mutual authentication, secure reading/writing of data and user defined access keys
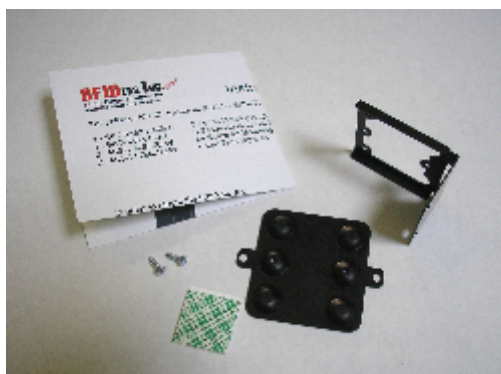
As a logical access solution, it helps meet medical/healthcare HIPAA requirements

AIR ID Playback USB seamlessly interfaces with any system or existing software: Playback reads and sends back as keystrokes. User data provides seamless integration can be used for a one or two-factor logon application

AIR ID Playback RS-232 reader easily interfaces to existing software, PLCs, point-of-sale terminals and other equipment: The Playback Reader sends data as ASCII characters

AIR ID Playback Wiegand easily outputs data to any device accepting Wiegand data

Platform independent and versatile: Supports any operating system with USB, Windows® 2000/XP, Citrix®, UNIX®, Linux, Vista, Macintosh, thin clients and more

Specifications

Typical maximum read range:
- •2.0" – 4.0" (5.0 – 10.0 cm) with PVC ID cards
- •1.0" – 1.5" (2.5 – 3.8 cm) with key fobs

Dimensions: 3 3/8" x 2" x 0.6" (Models with RDR in part number only) 4.2" x 2.5" x 0.875" (10.6 x 6.35 x 2.2 cm)

Weight: 0.45 lb. (12.7g)

Power requirements and interface:
- •Nominal input: 5 Vdc
- •USB Model: via USB cable
- •RS-232 model: via a pass-thru PS/2 connector or power supply adapter

Indicators: Tri-state LED, beeper

Transmit frequency: 13.56 MHz

Operating temperature range: -22° to 150°F (-30° to 65°C)

Operating humidity range: 5% to 95% relative humidity, non-condensing

Certifications: FCC, CE, C-tic, RoHS

Part Numbers for Playback Reader

Type	USB	RS-232	Wiegand
iClass	RDR-7085AKU	RDR-7085AK2	RDR-7085AKW
MIFARE	RDR-7585AKU	RDR-7585AK2	RDR-7585AKW

AIR ID bracket kit
KT-SHBKT

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RFID EAS

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