AIR ID® Enroll

Desktop read-only reader for ID card enrollment of contactless smartcards

Overview

The family of AIR ID Enroll contactless smart card readers eliminates the need for manual entry, providing error-free identification. AIR ID is compatible with nearly all 13.56 MHz contactless cards/tags/labels. This reader allows users to use their building access card or other 13.56 MHz tags for other forms of identification and security throughout the workplace. The plug-n-play reader comes with flash memory, allowing the user to quickly configure the output to meet the user's needs.

As a card enrollment or ID badge reader/tester, the USB model emulates a keyboard and will keystroke the card's data to the cursor's location on the screen. The reader can be configured to add keystrokes before or after the card's data. The serial version, available in RS-232, Ethernet, or USB-async, delivers the card's data in ASCII.

It can be used as a standalone system, or be seamlessly integrated with other software applications using the optional SDK (Software developer's kit). As an integrated reader, you will find applications such as PC/LAN logon, single sign-on, card enrollment, visitor management, point of sale, time/attendance, user authorization, seminar, fitness, training attendance, magnetic card emulations and more.

For HID's *iClass* cards, the card's data can include the ID and/or site code, while for NXP's MIFARE cards/tags/labels, the card's serial number represents the card's data.

Applications

- Card enrollment
- Time and attendance
- Employee authentication
- PC/LAN access control
- Equipment and material checkout
- Loyalty and membership programs
- Identification in manufacturing for productivity and quality

Features

Contactless operation: Utilizes radio frequency identification technology which eliminates wear and tear found with mag-stripe cards
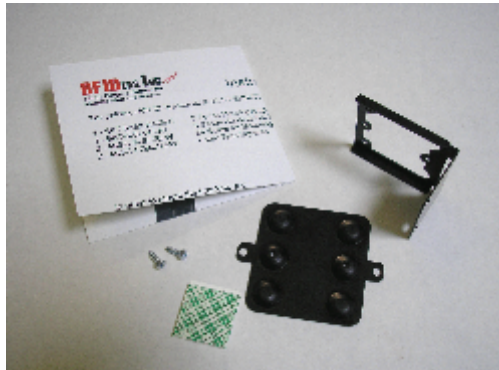
No software required on server or client: Utilizes a plug-and-play USB or RS-232 attachment

Complies with industry standards: Advanced semiconductor technology is based on 13.56 MHz frequency to comply with numerous ISO standards. Readers can read data from cards compliant with the following standards: ISO 15693-Vicinity, ISO 14443-Type A

Platform independent and versatile: Supports any operating system with USB or RS-232 support: Windows® 98SE/2000/XP, Vista, Sun, Citrix®, UNIX®, Linux, Macintosh, thin clients and more

Easy software integration of contactless cards: The optional software developer's kit includes several high level commands which allows third-party developers to set contactless products in just a couple of days. This enables medical, time and attendance, PC log-on, and other multi-authentication applications to interface easily with contactless cards. The output is transferred to the application via a callable DLL

Most 13.56 MHz card technologies support, see part number list or call for more details

AIR ID Enroll
bracket kit

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 labels or tags
- 1.0" – 2.0" (2.5 – 5.0 cm) with MIFARE card

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 lbs. (12.7g)

Power supply and interface: USB self-powered; RS-232 model; 5V supplied by PS2. Keyboard pass-thru connector

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

Type	USB	RS-232	USB Async	Ethernet
HID *iClass*	RDR-7081AKU	RDR-7081AK2	RDR-7081AKF	RDR-7081AKE
ISO 14443A /ISO 15693*	RDR-7581AKU	RDR-7581AK2		

*Includes MIFARE®, Texas Instruments, Infineon, I-CODE, Inside Contactless, my-d® and more

Compatible with Philips MIFARE®, DESFIRE®, I-CODE®; HID *iClass*®; Texas Instruments Tag-it®; Infineon my-d® (in secure mode UID only), Inside Contactless PicoPass® and PicoTag®

Warranty: One year for material/workmanship defects; see complete policy for details

RFIDEAS
Single Badge Solutions for Identification and Access