Single Badge Solutions for Identification and Access

AIR ID® Enroll

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

See reverse for other form factors

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 Virtual COM, 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, including Elite Key, the card's data is read and will include the card ID and/or the facility site code, while for ISO 14443/15693, LEGIC, or NXP's MIFARE cards/tags/labels, just the card's serial number data is read from the card.

Applications

• PC/LAN or Application log-on
• Employee identification
• Time and attendance
• PLC and embedded controllers
• Hoteling, meeting attendance, visitor management
• Secure printing
• Point of sale

Features

Easy interface: Since there is no software deployed, the plug-n-play reader designs are truly easy to integrate into your existing application. The USB models connect directly to USB ports and send data as keystrokes. The RS-232 model connects to a serial port and sends data as ASCII. The Ethernet model comes with free software to redirect the IP address to virtual COM port on Windows® PCs. The USB Virtual COM model emulates a virtual serial device.

Compatibility: Compatible with Windows CE®, Windows 2000®, Windows XP®, Windows Vista®, Windows 7®, Macintosh®, the Solaris™ operating system, Sun Ray™ thin clients, and Linux. (Free configuration software requires Windows® operating system.)

Improves accuracy of information and productivity: Eliminates errors associated with individual identification.

Versatile mounting options: The standard housing (shown on front) can be placed anywhere on the desktop. Featuring an articulated cable it can easily be mounted on kiosks, monitors, time clocks, and more. Optional base and mounting brackets expand placement options. Other form factors allow for easy, unobtrusive placement.

Meets medical/healthcare HIPAA requirements: When used as a log-on reader.

Ports/Styles: USB, USB Dongle Reader, RS-232, PCMCIA, Ethernet, Keyboard, OEM bare board

Desktop Unit Colors: Black, Pearl

Wall/Kiosk Housing Unit Colors: Black, White

Supported Cards—Partial List

14443A/15693 CSN	*Felica
iCLASS® CSN	MIFARE® CSN
MIFARE® DESFire CSN	[1]Sielox
[1]XceedID®	

*Validation with referenced manufacturer data pending
[1]Currently in implementation

Most 13.56 MHz card technologies supported. Please feel free to call, email or visit our website for a full list of applications, products, configuration options, supported cards and form factor specifications. Our website includes application videos, support materials, case studies and detailed information about our product line.

Specifications—Desktop Reader

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

Desktop dimensions: 3.4" x 2.0" x 0.6"

Desktop weight: 0.45 lbs. (204g)

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

Storage temperature range: -40° to 185°F (-40° to 85°C)

Interface: RS-232 DB9, USB or Ethernet

Certifications: FCC, United States; CE Mark Europe, C-TICK, RoHS, Industry Canada

Additional Form Factors and Accessories

PCMCIA

USB Dongle

Wall Mount

Keyboard

Optional Mounting Brackets

Mounted Desktop Reader

RFIDEAS

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