

*Single Badge Solutions for Identification and Access*

## pcProx® & AIR ID® Wall Mount

**Wall Mount card and badge reader  
for identification and enrollment**



See reverse for other form factors  
Also available in white.

### Overview

The RF IDEas' pcProx & AIR ID Wall Mount card readers allow users to use their building access card or other 125 kHz or 13.56 MHz tags for other forms of identification and security throughout the workplace. Engineered to work with nearly all proximity and contactless technologies, the wall mount readers provide error-free identification for over 300 million physical access cards and badges worldwide. Featuring plug-n-play functionality, no required software, and embedded configurable flash memory, the reader is ready to integrate with nearly all operating systems, applications, and embedded controllers.

The Wall Mount card readers are specifically designed for applications such as kiosks, time & attendance, point of sale, hoteling, meeting attendance, as well as others which require special mounting versatility. These readers mount easily with two screws and fit in a single-gang electrical box. They incorporate all the functionality of the standard desktop readers and are ideal for specialized card and badge reading locations. The reader can be configured to add keystrokes before and after the card's data. The USB model emulates a keyboard and keystrokes the card's ID and/or site code to the cursor's location in the application. The serial version, available in RS-232, Ethernet, or USB Virtual Com, delivers the card's data in ASCII.

In addition to the Wall Mount housing (shown), readers are available in a standard desktop format, USB Dongle, PCMCIA, Express Card, embedded keyboard, and OEM form factors. Using the optional RF IDEas Software Developer's Kit (SDK), the pcProx & AIR ID families can easily be integrated with most applications.

### Applications

- Kiosk
- Time and attendance
- Point of sale
- Hoteling
- Meeting attendance
- Other special mounting situations

## pcProx & AIR ID Wall Mount

### 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.)

**Versatile mounting options:** The Wall Mount housing (shown on front) can be easily mounted on kiosks, walls and other indoor applications. Other available form factors allow for easy, unobtrusive placement.

**Wall Mount/Kiosk Housing Unit Colors:** Black, White

### pcProx 125 kHz Supported Cards—Partial List

AWID	*1Cardax
Casi-Rusco®	*1Deister
EM410X/Rosslare	*1G-Prox™ II
HID®	*Hitag 1, S
*1Hitag 2	Honeywell Nexwatch
*1IDTECK/RF Logics	Indala® 26 bit
Indala® Custom	Kantech ioProx™
*Keri Systems	*ReadyKey Pro
*1SecuraKey RadioKey®	

### AIR ID 13.56 MHz Supported Cards—Partial List

14443A/15693 CSN	*Felica
iCLASS® CSN	MIFARE® CSN
MIFARE® DesFire CSN	*1Sielix
*1XceedID®	

\*Validation with referenced manufacturer data pending

†Currently in implementation

Please feel free to call, e-mail 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.

# RFID EAS

Single Badge Solutions for Identification and Access

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### Specifications

#### Typical maximum read range:

125 kHz: 1.0" – 3.0" (2.5 – 7.6cm) dependent upon proximity card type and environmental conditions

13.56 MHz: 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:** 4.3" x 2.5" x 0.35" (10.9cm x 6.35cm x 0.89cm)

**Weight:** 0.25 lbs (113g)

**Power supply and interface:** USB self-powered; RS-232 model: several power options exist

**Mounting:** The Wall Mount reader is designed to be mounted with the use of 1" #8 screws only (not included), at a maximum force of 6.25 in/lbs.

**Indicators:** Tri-state LED, beeper

**Transmit frequency:** 125 kHz and 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)

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

### Additional Form Factors



PCMCIA & Express  
Card



USB Dongle



Desktop Reader



Keyboard

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