

Single Badge Solutions for Identification and Access

pcProx[®] Wall Mount

Wall Mount card and badge reader
for identification and enrollment



See reverse for other form factors

Overview

RF IDEas' pcProx card readers are designed for customers seeking to leverage their existing card system for applications beyond physical security. The pcProx Enroll readers are engineered to work with nearly all proximity and contactless smart card technologies. The 13.56 MHz contactless model is compatible with nearly all 13.56 MHz cards and the 125 kHz proximity model provides error-free identification for over 300 million physical access cards worldwide.

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.

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 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 RS232, 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 125 kHz and 13.56 MHz families can be easily integrated with most applications.

Applications



PC/LAN Access Control
Application Log-On
Employee Identification



Time & Attendance
Meeting Attendance, Visitor Management
Hoteling



Dispensing



PLC & Embedded Controllers
Manufacturing



Point of Sale



Physical Access



OEM

WaveID[®] is the standard that enables badge-based reader solutions throughout the workplace. It gives a name to the many badge-based authentication and identification solutions powered by RF IDEas readers. In today's business environment, most employees carry badges for building access. WaveID in action is both the physical place for employees to wave their badge for identification, as well as a visual cue that an RF IDEas reader powers a specific device or solution.

pcProx Wall Mount

Features

Easy Interface and Protocol: USB models connect directly to a USB port and can be configured to send data as keystroking, non-keystroking or serial ASCII. RS232 models connect to a serial port and send data as ASCII. Ethernet models connect through an RJ45 connection and are sent data as either ASCII or E/IP.

Note: To utilize PoE and E/IP features with some models, a C-6200 adapter may be required

Compatibility: Compatible with Windows CE®/2000®/XP®/Vista®/7®, Macintosh®, Solaris™, 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 Housing Colors: Black and White

pcProx 125 kHz Supported Cards—Partial List

AWID	Cardax*
CASI-RUSCO®	Cotag®
Deister*	DIGITAG
EM 410x	Farpointe Data
GProx™ II*	HID® Prox
HiTag 1, S & 2	Indala® (Motorola)
ioProx™ (Kantech)	Keri NXT
Keri*	Nexwatch (Honeywell)
Radio Key®	ReadyKey Pro*
Secura Key	Rosslare
Russwin*	

*Unique ID

pcProx 13.56 MHz Supported Cards—Partial List

Advant CSN (Legic)	eTag CSN
HID iCLASS CSN	I-Code CSN
I-tag CSN	ISO 14443A CSN ¹
ISO 15693 CSN	MIFARE CSN
MIFARE Ultralight CSN	my-d CSN
DESFire CSN	Tag-It CSN

¹Select NFC credentials

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.

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 – 7.6 cm) 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: 2.6 oz (73.70g)

Power Supply: USB self-powered; PoE; Serial RS232: several power options exist

Interface: USB, Serial RS232, Ethernet

Transmit Frequency: 125 kHz OR 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)

Mounting: The Wall Mount is designed for mounting with 1" #8 screws only (not included), at a max force of 6.25 in/lbs

Indicators: Tri-state LED, beeper

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

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

Additional Form Factors and Accessories



PCMCIA & Express
Card



Desktop Reader



USB Dongle



Keyboard

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