RF IDEAS

125 kHz Proximity

Single Badge Solutions for Identification and Access

pcProx® Enroll

Proximity card readers for identification and enrollment of proximity cards.

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. Engineered to work with nearly all proximity technologies, pcProx readers provide error-free identification for over 300 million physical access proximity cards 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 USB model emulates a keyboard and keystrokes the card's ID and/or site code to the cursor's location on the screen. The reader can be configured to add keystrokes before and after the card's data. The serial version, available in RS-232, Ethernet, or USB Virtual Com, delivers the card's data in ASCII.

In addition to the standard housing (shown) readers are available in USB Dongle, PCMCIA, kiosk/wall mount, embedded keyboard, and OEM form factors. Using the optional RF IDeas Software Developer's Kit (SDK), the pcProx family can easily be integrated with most applications.

Applications

- PC/LAN access control
- Application log-on
- Employee identification
- Time and attendance
- Form filler to existing software applications
- PLC and embedded controllers
- Hoteling, meeting attendance, visitor management
- Secure printing
- Point of sale

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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.

Desktop Unit Colors: Black, Pearl

Wall/Kiosk Housing Unit Colors: Black, White

Supported Cards—Partial List

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

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

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.

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Specifications—Desktop Reader

Typical maximum read range: 1.0" – 3.0" (2.5 – 7.6cm) dependent upon proximity card type and environmental conditions

Desktop dimensions: 3 3/8" x 2" x 0.6" except for custom Indala, Pyramid

Desktop weight: 0.45 lbs (204g)

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

Indicators: Tri-state LED, beeper

Transmit frequency: 125 kHz

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

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

Additional Form Factors and Accessories

PCMCIA

USB Dongle

Wall Mount

Keyboard

Optional Mounting Brackets

Mounted Desktop Reader

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