RF IDEAS

125 kHz Proximity &
13.56 MHz Contactless

Single Badge Solutions for Identification and Access

pcProx® Plus Enroll

Dual-frequency proximity and contactless card reader for identification and enrollment

Overview

The RF IDeas pcProx Plus is a cutting-edge card reader that combines proximity and contactless technologies into one reader. It is a desktop reader that is capable of reading both 125 kHz proximity cards and 13.56 MHz contactless cards. This reader eliminates the need for manual entry and provides error-free identification and security throughout the workplace. The pcProx Plus allows users to use their building access card or any 125 kHz or 13.56 MHz tags/labels for other forms of identification.

The plug-n-play reader comes with flash memory, allowing users to quickly configure the output to meet their needs. With its dual-frequency multi-technology, the pcProx Plus is highly configurable and capable of simultaneously handling any two of the available technologies.

As a card and badge enroller or reader, it emulates a keyboard to keystroke the card's data to the cursor's location in an application. The reader can be configured to add keystrokes and commands before or after the card's data.

The pcProx Plus reader can be used as a stand-alone unit, or can be seamlessly integrated with other software applications using the optional Software Developer's Kit (SDK). As an integrated reader, it has the ability to work with a multitude of applications.

Applications

- PC/LAN Access Control
  Application Log-On
  Employee Identification
- Time & Attendance
  Meeting Attendance, Visitor Management
  Hoteling
- Dispensing
- PLC & Embedded Controllers
  Manufacturing
- Secure Printing
- Mobile
- OEM
- Point of Sale
- Physical Access

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 Plus

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. RS-232 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™, ThinManager® thin clients, and Linux. (Free configuration software required on Windows® operating system.)

Improves Accuracy and Productivity: Eliminates errors associated with individual identification.

Versatile Mounting Options: Featuring an articulated cable, the standard housing reader can easily be mounted on kiosks, monitors, time clocks, and more.

*Also available in a wall mount design.

Supported Cards

pcProx 125 kHz

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

*Unique ID

pcProx 13.56 MHz

iCLASS® SE™	iCLASS ID
iCLASS CSN	NFC CSN Type 2/4
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	Advant CSN (Legic)

[1]Select NFC credentials

For a full list of supported cards, visit our website www.RFIDeas.com

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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Single Badge Solutions for Identification and Access

Specifications—Desktop

Operating Frequency: Both 125 kHz & 13.56 MHz (Dual)

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

Current Consumption: USB Units - Typical 70 mA, max 100 mA; Serial Units - Typical 75 mA, max 110 mA

Dimensions: 3 3/8" x 2" x 0.6" (8.57cm x 5.08cm x 1.52cm)

Weight: 4.0oz (113.39g)

Housing Color: Black or Pearl

Cable Length: 6 in, 16 in & 6 ft (Custom Lengths Available)

Indicators: Tri-state LED, dual tone beeper

Power Supply: USB Self-powered; PoE; Serial RS-232: several power options exist

Interface: USB, Serial RS-232, Ethernet

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, UL, REACH, RoHS, KC Korea, VCCI Japan, SRRC China, CITC S. Arabia, IFETEL Mexico, ANATEL Brazil, IDA Singapore - Call for new additions

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

Additional Products and Accessories

Optional Mounting Brackets

Mounted Desktop Reader

pcProx Plus 82 Series

Surface Mount