

pcProx[®] Plus Surface Mount

**Dual-frequency proximity and contactless
Surface Mount 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. The Surface Mount reader 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 Surface 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 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, the Surface Mount 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. It can be used as a stand-alone unit, or be seamlessly integrated with other software applications using the optional Software Developer's Kit (SDK). As an integrated reader, the pcProx Plus Surface Mount 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



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.

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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.)

Versatile Mounting Options: The Surface 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.

Supported Cards

pcProx 125 kHz

AWID
CASI-RUSCO®
DIGITAG
Farpointe Data
HID® Prox
Indala® (Motorola)
Keri NXT
Nexwatch (Honeywell)
Radio Key®
Secura Key
Russwin*

Cardax*
Deister*
EM 410x
GProx™ II*
HiTag 1, S & 2
ioProx™ (Kantech)
Keri*
Pyramid
ReadyKey Pro*
Rosslare
GE Security

*Unique ID

pcProx 13.56 MHz

iCLASS® SE™
iCLASS CSN
I-Code CSN
ISO 14443A CSN¹
MIFARE CSN
my-d CSN
Tag-It CSN
Advant CSN (Legic)

iCLASS ID
NFC CSN Type 2/4
I-tag CSN
ISO 15693 CSN
MIFARE Ultralight CSN
DESFire CSN
eTag CSN

¹Select 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.

RFID EAS

Single Badge Solutions for Identification and Access

Toll Free: 866-439-4884
Phone: 847-870-1723

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Specifications

Operating Frequency: Both 125 kHz & 13.56 MHz

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

Weight: 2.6 oz. (73.70g)

Housing Color: Black or White

Cable Length: 13 inches (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



pcProx Plus
Desktop Reader



pcProx Mat
(Presence Detector)



Optional Mounting
Brackets



pcSwipe™

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