

pcProx[®] Plus 82 Series

Dual-frequency proximity and contactless card reader for independent applications



Overview

RF IDEas pcProx Plus 82 Series card readers are designed for customers seeking to leverage their existing employee ID badges by integrating them into applications beyond physical security. The reader possesses the capabilities of reading both 125 kHz proximity cards and 13.56 MHz contactless cards. With this dual-frequency multi-technology, the pcProx Plus is highly configurable and capable of simultaneously handling any two of the available technologies.

The 82 Series readers integrate into your software or hardware product through the use of the RF IDEas Universal Software Developers Kit (SDK). In contrast to the Enroll readers, the 82 Series uses a callable DLL or other direct integration methods rather than keystroking (emulating a keyboard device). These low cost readers deliver the card ID in a format that applications recognize, offering nearly limitless possibilities for user identification and authentication.

Benefits

- Employee familiarity with existing badges
- Enhances investment of single badges
- Single/common development platform
- Supports most ID badge technologies used
- Expands application selections
- No license restrictions

Applications



PC/LAN Access Control
Application Log-On
Employee Identification



Time & Attendance
Meeting Attendance, Visitor Management
Hoteling



Manufacturing



Point of Sale



OEM



Kiosk

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 82 Series

Features

Compatibility: Compatible with Windows 2000®, XP®, Vista®, 7®, and Linux; Teradici Zero Clients (Free configuration software required on Windows® operating system).

Versatile mounting options: The standard housing can be placed anywhere on the desktop. Featuring an articulated cable it can easily be mounted on kiosks, monitors, time clocks, and more.

*Also available in a wall mount design.

Improves accuracy of information and productivity: Enables ID badges to be used for one or two factor authentication applications.

pcProx 125 kHz

Supported Cards—Partial List

| | |
|----------------------|-------------------|
| 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

AIR ID 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

Specifications—Desktop Reader

Typical maximum read range: 1.0" – 3.0" (2.5 – 7.6cm) dependent upon proximity card type and environmental conditions. Slightly diminished performance for certain card types as compared to pcProx/AIR ID reader.

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

Weight: 4.0 oz (113.39g)

Power supply: USB self-powered, 6ft cable

Indicators: Tri-state LED, dual tone beeper

Transmit frequency: 125 kHz & 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)

Interface: USB

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

Desktop Unit Color: Black, Pearl

Additional Products and Accessories



Optional Mounting Brackets



Mounted Desktop Reader



pcProx Plus Enroll Desktop Reader



Wall Mount Reader

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