Single Badge Solutions for Identification and Access

pcProx® USB Dongle

Portable card reader for identification and enrollment of proximity and contactless smart 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. The pcProx USB Dongle readers are engineered to work with nearly all proximity and contactless smart card technologies. The 13.56 MHz contactless model is compatible with most 13.56 MHz cards and the 125 kHz proximity model provides error-free identification for over 300 million physical access cards worldwide.

Featuring plug-n-play functionality, no required software, and embedded configurable flash memory, these readers are ready to integrate with nearly all operating systems, applications, and embedded controllers. In most common uses, the reader 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 or after the card's data.

The innovative USB Dongle card readers incorporate all the features of the larger readers into an ultra compact, cable-free format. Available in the same configurations as the full size models, the dongle adds a unique level of portability to a variety of card reading needs.

Applications

- PC/LAN Access Control
  Application Log-On
  Employee Identification

- PLC & Embedded Controllers
  Manufacturing

- OEM

- Time & Attendance
  Meeting Attendance, Visitor Management
  Hoteling

- Secure Printing

- Point of Sale

- Dispensing

- Mobile

- 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.

Features

Easy Interface: Since there is no driver software deployed, the plug-n-play reader design is truly easy to integrate into existing applications. The device connects directly into a USB port and sends data as keystrokes.

Compatibility: Compatible with Windows CE®/98® /2000®/ XP®/ Vista®/7®, Macintosh®, and Linux. No client-side software is needed.

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

Medical/Healthcare HIPAA Compatible: Meets medical and healthcare HIPAA requirements when used as a log-on reader.

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)	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

[1]Select 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.

RF IDEAS

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Specifications

Typical Maximum Read Range: 1.0" – 3.0" (2.5 – 7.6cm) dependent upon proximity card type and environmental conditions

Dimensions: 2.875 x 1 in

Weight: 0.5 oz

Power Supply: USB self-powered

Transmit Frequency: 125 kHz for proximity Dongle model, 13.56 MHz for contactless Dongle model

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)

Indicators: Tri-state LED

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

Desktop Reader

Wall Mount

Keyboard

Optional Mounting Brackets

Mounted Desktop Reader