Single Badge Solutions for Identification and Access

pcProx® ExpressCard

Identification and enrollment reader for proximity cards or contactless smart cards

See reverse for other form factors

Overview

The pcProx ExpressCard is designed for customers seeking to leverage their existing card system for applications beyond physical security. The family of pcProx card and badge readers eliminate the need for manual entry providing error-free identification. The ExpressCard allows users to leverage their building access cards for other forms of identification and security throughout the workplace. Engineered to work with nearly all proximity and contactless technologies, pcProx readers provide error-free identification for over 300 million physical access proximity cards and badges worldwide.

The pcProx ExpressCard adds flexibility to connectivity needs by incorporating RF IDeas technology into an ExpressCard format. It is designed to provide interchangeability among computers and other devices where ruggedness, low power, small size, portability and security are critical. The ExpressCard can be easily and quickly installed into any device that has an ExpressCard slot. This reader offers straightforward installation, configuration and the same ease-of-use expected with all RF IDeas products.

Using the optional RF IDeas Software Developer's Kit (SDK), the pcProx ExpressCard can be easily integrated with most applications. It can be configured to add keystrokes before and after the card's data. The ExpressCard emulates a keyboard and keystrokes the card's ID and/or site code to the cursor's location on the application.

Applications

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

- Infield Identification & Authentication

- Time & Attendance
  Meeting Attendance, Visitor Management
  Hoteling

- Point of Sale

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 to deploy, the plug-n-play reader design is easy to integrate into existing applications. The device connects directly into an ExpressCard slot.

CJIS Compliant: The pcProx Express Card reader leverages proximity and contactless credentials to be used as part of the Advanced Authentication system utilized by the F.B.I.'s CJIS divison. It is designed to keep law enforcement and criminal justice organizations current with compliance requirements.

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

Compatibility: Compatible with Windows CE®/2000®/ XP®/ Vista®/7®/8®, Macintosh®, Solaris™, Sun Ray™ thin clients, and Linux. (Free configuration software requires Windows® operating system.)

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

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[2]	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.

RFIDEAS

Single Badge Solutions for Identification and Access

Specifications—ExpressCard

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

Dimensions: 1.33" x 2.95" (3.37cm x 7.49cm)

Weight: 0.7 oz (19.84g)

Power Supply: Self-powered

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

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

Additional Form Factors and Accessories

PCMCIA

USB Dongle

Wall Mount

Keyboard

Optional Mounting Brackets

Mounted Desktop Reader