pcProx® ExpressCard

Proximity card and badge reader for identification and enrollment

See reverse for other form factors

Overview

The RF IDeas' pcProx ExpressCard is designed for customers seeking to leverage their existing card system for applications beyond physical security. The family of pcProx proximity card and badge readers eliminates the need for manual entry providing error-free identification. This reader allows users to use their building access card for other forms of identification and security throughout their workplace. Engineered to work with most proximity 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 including the technology of RF IDeas' standard readers into an ExpressCard format. It is designed to provide interchangeability among computers and other devices where ruggedness, low power and small size are critical. The ExpressCard can be easily and quickly installed in any device that has an ExpressCard slot. This reader offers straightforward installation, configuration and the same ease-of-use and flexibility expected with RF IDeas' products.

In addition to the ExpressCard housing (shown), a PCMCIA form factor is also available. Using the optional RF IDeas Software Developer's Kit (SDK), the pcProx family can easily be integrated with most applications. The reader 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
- Single sign-on
- Handheld/Mobile
- Other devices

pcProx ExpressCard

Features

Easy interface: Since there is no software deployed, the plug-n-play reader designs are truly easy to integrate into your existing application.

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

Meets medical/healthcare HIPAA requirements: When used as a log-on reader.

Supported Cards—Partial List

AWID
Casi-Rusco®
EM410X/Rosslare
HID®
*[1]Hitag 2
*[1]IDTECK/RF Logics
Indala® Custom
*Keri Systems
[1]SecuraKey RadioKey®
*[1]Cardax
*[1]Deister
*[1]G-Prox™ II
*Hitag 1, S
Honeywell Nexwatch
Indala® 26 bit
Kantech ioProx™
*ReadyKey Pro

*Validation with referenced manufacturer data pending

[1]Currently in implementation

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

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

Desktop Reader

USB Dongle

PCMCIA & ExpressCard

Keyboard

Please feel free to call, e-mail 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

Single Badge Solutions for Identification and Access

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