

Single Badge Solutions for Identification and Access

pcProx[®] 82 Series pcProx[®] Plus 82 Series pcSwipe[™] 82 Series

Card Readers for Independent Applications



Overview

RF IDEAS 82 Series card readers are designed for customers seeking to leverage their existing employee ID badges by integrating them into applications beyond door access. This unified platform of products is engineered to work with nearly all proximity, contactless, and magnetic stripe card technologies, providing error-free identification to over a billion cards worldwide.

The 82 Series readers integrate into your software or hardware product through the use of the RF IDEAS Universal Software Developer's Kit (SDK). In contrast to the Enroll readers, the 82 Series use 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.

82 Series

Features

Easy Interface and Protocol: USB models connect directly via a USB port and can be configured to send data as serial ASCII or non-keystroke formats. RS232 models connect via a serial port and send data in ASCII format.

Compatibility: Compatible with Windows CE®/2000®/XP®/Vista®/7®

Reader variations: Two choices for HID's iCLASS readers: RDR-7082AKU, reads building ID and/or the facility code; RDR-7582AKU iCLASS and MIFARE, read the card's serial number.

Note: The RDR-6372AKU Indala Custom does not contain a beeper.

Ports/Styles: USB, USB Dongle, RS232, PCMCIA, Ethernet, Keyboard, OEM bare board

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

¹Select NFC credentials

²RDR-708X-XXX units do not support DESFire. DESFire support is available on all RDR-758X-XXX readers.

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

Sales@RFIDeas.com

Specifications—Desktop Reader

Typical maximum read range: 1.0" – 3.0" (2.5 – 7.6cm) dependent upon proximity card type and environmental conditions

Dimensions: 3 3/8" x 2" x 0.6" except for custom Indala, Pyramid

Weight: 4.0oz (113.39g)

Power Supply: USB self-powered; Serial RS232: several power options exist

Interface: USB, Serial RS232, Ethernet

Indicators: Tri-state LED, beeper

Transmit Frequency: Either 125 kHz, 13.56 MHz OR dual 125 kHz & 13.56 MHz (with the pcProx Plus).

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)

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



Wall Mount



USB Dongle



Optional Mounting Brackets



Keyboard

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