RFIDEAS

Single Badge Solutions for Identification and Access

pcProx® 82 Series
AIR ID® 82 Series
pcSwipe™ 82 Series
pcProx® Plus 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 physical security. 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 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

• Employees are familiar with the badge
• Leverages the investment of a single badge
• Single/common development platform
• Supports most ID badge technologies used
• Many applications
• No license restrictions

Features

Compatibility: Compatible with Windows CE®, Windows 2000®, Windows XP®, Windows Vista®, and Windows 7®.

Versatile mounting options: The standard housing (shown on front) can be placed anywhere on the desktop. Featuring an articulated cable, it can easily be mounted on kiosks, monitors, time clocks, and more. Optional base and mounting brackets expand placement options. Other form factors allow for easy, unobtrusive placement.

Reader variations: Two choices for HID's iCLASS readers: the (RDR-7082AKU), which reads the building ID and/or the facility code or the (RDR-7582AKU) iCLASS, and MIFARE, which only reads the card's serial number. RDR-6372AKU Indala Custom does not contain a beeper.

Ports/Styles: USB, USB Dongle Reader, RS-232, PCMCIA, Ethernet, Keyboard, OEM bare board

Desktop Unit Colors: Black, Pearl

pcProx 125 kHz
Supported Cards—Partial List

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

AIR ID 13.56 MHz
Supported Cards—Partial List

14443A/15693 CSN	*Felica
iCLASS® CSN	MIFARE® CSN
MIFARE® DesFire CSN	[1]Sielox
[1]XceedID®	

*Validation with referenced manufacturer data pending
[1]Currently in implementation

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

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Specifications—Desktop Reader

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

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

Desktop weight: 0.45 lbs (12.7g)

Power supply: USB self-powered; RS-232 model: several power options exist

Interface: RS-232 DB9, USB or 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)

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

Additional Form Factors and Accessories

PCMCIA & ExpressCard

USB Dongle

Wall Mount

Keyboard

Optional Mounting Brackets

Mounted Desktop Reader