

Single Badge Solutions for Identification and Access

## pcProx® Playback

**No software reader for reading user data  
from memory of contactless smart cards**



### Overview

The pcProx 13.56 MHz products meet a variety of needs in multiple situations. They leverage current HID iCLASS and NXP MIFARE badge investments, as well as existing control systems while expanding technologies and applications with a single badge solution.

The pcProx Playback interfaces contactless cards to existing applications and systems without the need to change or update these systems. There is no need to deploy software. The plug-n-play Playback reader delivers user data from the contactless card to the desired application or machine. With the use of the pcProx Writer, data can also be written to the card.

In many cases, the Playback reader can be configured to read data already on the card. The reader is instantaneously configurable, allowing users to change the location being read on the contactless card. There is no need for pilot tests, training, software updates, technical support, licenses or the hassle of incompatibilities since no software is deployed. This multi-application reader delivers strong benefits to the user, including easy plug-n-play, contactless operation, and cost savings.

### Applications



PC/LAN Access Control  
Application Log-On  
Employee Identification



Time & Attendance  
Meeting Attendance, Visitor Management  
Hoteling



PLC & Embedded Controllers  
Manufacturing  
Truck Scales



Point of Sale  
Vending

**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 and Protocol:** USB models connect directly to a USB port and can be configured to send data as keystroking, non-keystroking or serial ASCII. RS232 models connect to a serial port and send data as ASCII. Ethernet models connect through an RJ45 connection and are sent data as either ASCII or E/IP.

Note: To utilize PoE and E/IP features with some models, a C-6200 adapter may be required

**Security:** Contactless smart cards offer unique features, such as cryptographic data storage, mutual authentication, secure reading/writing of data, and user defined access keys.

**Medical/Healthcare HIPAA Compatible:** Meets medical and healthcare HIPAA requirements when used as a logical access solution.

**Multi-Application Solution:** Allows for several applications to be stored on a single contactless credential.

**Compatibility:** Supports any operating system with USB: Windows 2000®/XP®/Vista®, Citrix®, UNIX®, Linux, Macintosh®, thin clients, and more.

**Wiegand Compatibility:** The pcProx Playback Wiegand easily outputs data to any device accepting Wiegand data.

## Specifications

### Typical Maximum Read Range:

- 2.0" – 4.0" (5.0 – 10.0cm) with PVC ID cards
- 1.0" – 1.5" (2.5 – 3.8cm) with key fobs

**Dimensions:** 3.4" x 2.0" x 0.6"

**Weight:** 4.0oz (113.39g)

**Power Supply:** Nominal input: 5 Vdc; USB Model: via USB cable; PoE; RS232 model: via a pass-thru PS/2 connector or power supply adapter

**Interface:** USB, Serial RS232, Ethernet

**Transmit Frequency:** 13.56 MHz

**Operating Temperature Range:** -22° to 150°F (-30° to 65°C)

**Operating Humidity Range:** 5% to 95% relative humidity, non-condensing

**Indicators:** Tri-state LED, beeper

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

## Part Numbers

Type	USB	RS-232	Wiegand
iCLASS	RDR-7085AKU	RDR-7085AK2	RDR-7085AKW
MIFARE	RDR-7585AKU	RDR-7585AK2	RDR-7585AKW

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



Bracket Kit: KT-SHBKT

\*Sold Separately

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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