

The most robust reader yet, the WAVE ID Plus reads more card types and has four different ID card configurations.

The powerful WAVE ID Plus badge reader, known for its quality and versatility, has an extensive feature set that includes:

- Four ID badge configurations (2 are pre-set and all four are user definable)
- Auto-tuning for 13.56 MHz antenna to optimize performance in various environments
- User-selectable volume control including a beeper on/off setting

### The Most Robust Reader on the Market

The versatile WAVE ID Plus reader combines proximity and contactless technologies into one reader that has the ability to hold four badge configurations, enabling growing organizations to seamlessly integrate different ID badge technologies. These Enroll card readers are designed for customers seeking to leverage their existing card system for applications beyond building access.

Developed to read virtually any proximity or contactless card type in the world, the WAVE ID Plus is the most powerful, robust reader on the market for identification, authentication, and access applications. Badge-based reader solutions eliminate the need to manually enter user names and passwords, streamlining workflow and eliminating errors for identification.



### Expanding Badge Identification Beyond Physical Access

The WAVE ID Plus reader easily integrates into existing badge access systems, allowing companies to leverage the same badges they use to get into the building for countless applications involving logical access to network, software applications, and equipment. Connecting directly into the USB port, the reader emulates keystrokes of the USB model card data on the login screen. The serial models can connect to a RS232 port. Its plug-and-play functionality requires no software for seamless integration with common operating systems and applications.

### Developer-Friendly SDK

Software Developer Kits (SDKs) allow independent programmers to develop and enable their applications with the ability to read ID badge identification information directly off any of the proximity, contactless or magnetic swipe cards in use today. Software developers can easily create a solution that leverages the use of employee ID badge data, resulting in added benefits to their applications such as single sign-on, QA tracking, cashless cafeteria, industrial vending or attendance.

Trust begins here.™

### Common Applications

The introduction of the badge reader which accommodates four configurations paves the way to an unlimited number of applications. Here are some of the most common applications in key industries.

	HEALTHCARE	GOVERNMENT	MANUFACTURING	ENTERPRISE
Single Sign-on	+	+	+	+
Time & Attendance	+	+	+	+
Training Compliance	+	+	+	+
Point-of-Sale	+	+	+	+
Secure Print Management	+	+	+	+

STANDARD FEATURES	
Model Series	RDR-80581AKU Desktop Keystroking Reader RDR-80582AKU Desktop SDK Serial Reader RDR-805x1AKx Desktop or Surface Mount Keystroking Reader, RS-232 RDR-80081AKU Desktop Keystroking Reader, iCLASS Seos™ RDR-80082AKU Desktop SDK Non-Keystroking Reader, iCLASS SE™ RDR-800x1AKx Desktop or Surface Mount Serial Reader, iCLASS SE™, RS-232
Operating Frequency	125/132 kHz and 13.56 MHz
Interface	USB
SDK available for writing apps to the reader	Yes
PHYSICAL CHARACTERISTICS	
Dimensions (inches)	Height 0.6" (1.52cm) Width 2" (5.08cm) Length 3 3/8" (8.57cm)
Weight	4.0 ounces (113.39g)
Housing Color	Black
Cable Length	6' standard; 6" and 16" lengths available
Indicators	LED indicator; Adjustable beeper volume (off, low, medium, high)
Form Factors	Desktop, surface mount, non-housed
Power Supply	USB self-powered; some RS-232 models require external power source
Power Consumption	70 mA typical, 150 mA maximum
ENVIRONMENT	
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)
OTHER	
Certifications <i>(Please contact rf IDEAS for information about other global certifications)</i>	FCC-United States; CE Mark-Europe; RCM-Australia; IC-Industry Canada; UL Environmental: RoHS, REACH
Compatible Operating Systems	Windows XP®, 7®, 8®, 10® and Linux (Ubuntu, Red Hat), macOS and Android
Configure Utility	rf IDEAS Configuration Utility available on rf IDEAS support page
Card Types	Supports nearly all card types worldwide. Visit rfIDEAS.com for full list of supported card types.

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