rf IDEAS

WAVE ID® SP Plus

Desktop or External Mount Applications

Without housing   Dual Frequency   Single Frequency

The ultra-slim WAVE ID SP Plus and WAVE ID SP merge form with function.
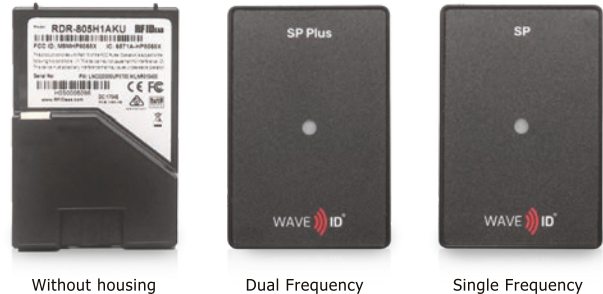
These multi-purpose, slim card readers for identification, authentication and logical access are available in either dual frequency (WAVE ID SP Plus) or single frequency (WAVE ID SP). The small, thin form factor enables various integrated or OEM installations in recessed compartments, as well as external mounting configurations. Additionally, the reader can fit into a variety of purpose-built devices such as time clocks, kiosks, or protective enclosures.
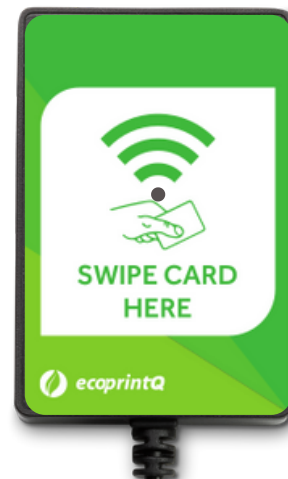
Designed for Flexibility and Adaptability

Versatile and scalable, the WAVE ID SP Plus combines proximity and contactless technologies into one reader, while the WAVE ID SP offers convenience for users who only utilize contactless credentials. The WAVE ID SP iClass Elite (ICE) reader offers additional convenience for users to program their own Elite and custom keys. The WAVE ID SP Plus incorporates a SIM card slot for expansion to read additional secure card types. These card readers are designed for customers seeking to leverage their existing card system for applications. The reader, combined with existing or new employee badges and application software, is the perfect trifecta for deploying solutions.

Features include:

• Four ID badge (card) configurations to accommodate multi-card systems

• Auto-tuning 13.56 MHz antenna to optimize performance in various environments

• User-selectable volume control including a beeper off setting for high noise or quiet zones

• The dual frequency pcProx Plus SP enables secure card types with a SIM card supporting iCLASS SE® and Seos® (enables additional secure card types)

Keyboard Emulation

Connecting directly into a USB port, the WAVE ID SP Plus reader emulates a keyboard and outputs the badge ID and/or site code to the cursor's location on the screen. When an employee badge is presented to the reader, employee credentials will pass instantly to an organization's back-end network for authentication and access validation with an employee database, application, or active directory. The reader is highly configurable using the rf IDEAS Configuration Utility.

SWIPE CARD HERE

ecoprintQ

ecoprintQ

800.236.8499 | sales@ecoprintq.com | www.ecoprintq.com

rf IDEAS

FEATURES & SPECIFICATIONS

Common Applications

Badge-based reader solutions help streamline work-flow and avoid identification errors by eliminating the need to manually enter user names and passwords. 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	+	+	+	+
Training Compliance	+	+	+	+

STANDARD FEATURES	Dual Frequency	Single Frequency
Model Series	RDR-805H1AKU WAVE ID SP Plus Keystroke Reader RDR-805H2AKU WAVE ID SP Plus Non-Keystroke Reader RDR-800H1AKU-ICE WAVE ID SP PLUS iClass Elite Key Keystroke Reader	RDR-75H1AKU WAVE ID SP Non-Keystroke Reader
Operating Frequency	125/132 kHz and 13.56 MHz	13.56 MHz
Interface	USB	USB
Software Developer Kit (SDK)	Yes	No
PHYSICAL CHARACTERISTICS		
Dimensions (desktop reader)	Height 0.6" (1.52cm) x Width 2.0" (5.08cm) x Length 3.0" (7.62cm)	
Weight (desktop reader w 6' USB (cable)	2.7 oz (76.6gm)	
Housing Color.	Black	
Cables	Cable and OEM support	
Indicators	LED indicator (green, amber, red) Adjustable beeper volume (off, low, medium, high)	
Form Factors	Slim Profile	
Minimum Voltage	5V	
Power Supply	USB self-powered	
Power Consumption	70 mA typical, 100 mA maximum	
ENVIRONMENT		
Operating Temperature Range	-22º to 150ºF (-30º to 65ºC)	
Operating Humidity Range	5% to 95% relative humidity, non-condensing	
Storage Temperature Range	-40º to 185ºF (-40º to 85ºC)	
Certifications (Please contact rf IDEAS for information about other global certifications)	FCC-United States; CE Mark-Europe; RCM-Australia; IC-Industry Canada; UL Environmental: RoHS, REACH. Contact rf IDEAS for additional global country certification details.	
Compatible Operating Systems	Windows XP®, 7®, 8.1®, 10® and Linux	
Card Types	Supports nearly all card types worldwide. Supports reading CSN of 13.56 MHz contactless For a complete list, visit https://www.rfideas.com/cardcompatibility smartcards (excludes Seos®, iCLASS® and SE®)	