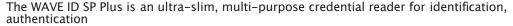
SP Plus

WAVE)) ID



Merge Form and Function in an Ultra-Slim Format for Multi-Purpose Authentication



and logical access. Its small, thin form factor enables various integrated or OEM installations in recessed compartments, as well as external mounting configurations. Additionally, the WAVE ID SP Plus

can fit into a variety of purpose-built devices such as time clocks, kiosks, or protective enclosures.



Versatile and scalable, the WAVE ID SP Plus combines proximity and contactless technologies into one reader and is a future-proof investment with its SIM card slot for expansion with additional secure card types. These credential

readers are designed for customers seeking to leverage their

existing credential system for applications beyond building access. The reader, combined with existing or new employee

credentials and application software, is the perfect trifecta for

deploying solutions.

The WAVE ID SP Plus reader is a popular addition to the WAVE ID family of readers, known for its quality and versatility.

Key features include:

- Four ID card configurations to accommodate multi-card systems
- Auto-tuning 13.56MHz antenna to optimize performance in various environments
- User-selectable volume control including a beeper off setting

for high noise or quiet zones

• Slot for optional SIM secure module (HID iCLASS SE® and HID iCLASS® Seos®; NXP AV2 for MIFARE® and MIFARE® DESFire® EV1 and EV2.) enables additional secured types

Keyboard Emulation

Connecting directly into a USB port, the WAVE ID SP Plus reader

emulates a keyboard and outputs the credential ID and/or site

code to the cursor's location on the screen. When an employee

credential is presented to the reader, it 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 WAVE ID

Configuration Utility.

Smartcard Manager

® Users

THE SANDOCARUMANAGERAMENT SASSIFE CONTINUITE THE REAL PROPERTY OF THE RESERVE CONTINUITE THE REAL PROPERTY OF THE PROPERTY OF THE REAL PROPERTY OF THE REAL PROPERTY OF THE REAL





Common Applications

Credential-based reader solutions help streamline workflow 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 Printing	+	+	+	+

STANDARD FEATURES			
Model Series	RDR-805H1AKUWAVE ID SP Plus Keystroke Reader RDR-80MH1AKUWAVE ID SP Plus MIFARE Secure Memory Keystroke Reader (comes with AV2 SAM) RDR-80MH1AKU-LFWAVE ID SP LEAF Keystroke Reader (requires AV2 SAM with LEAF key)		
Operating Frequency	125/132kHz and 13.56 MHz		
Interface	USB		
WAVE ID Plus SDK available for writing apps to the reader	Yes		
PHYSICAL CHARACTERISTICS			
Dimensions	Height 0.6" (1.52cm) x Width 2.0" (5.08cm) x Length 3.0" (7.62cm)		
Weight	2.7 oz (76.6gm)		
Housing Color	Black		
Cables	Cables supported		
Indicators	LED indicator (green, amber, red) Adjustable beeper volume (off, low, medium, high)		
Form Factors	Desktop; flush mount		
Minimum Voltage	5V		
Power Supply	USB powered		
Power Consumption	70 mA typical, 100 mA maximum		
ENVIRONMENTAL			
Operating Temperature Range	-22° to 150°F(-30° to 65°C)		
Operating Humidity Range	5% to 95% relative humidity, noncondensing		
Storage Temperature Range	-40° to 185°F(-40° to 85°C)		
OTHER			
Certifications (Please contact rf IDEAS for information about other global certifications)	FCC; Industry Canada; CE Mark; RCM; Japan. Environmental: RoHS, REACH.		
Compatible Operating Systems	Windows XP®/7®/8.1®, 10® and Linux		
Card Types	Supports nearly all card types worldwide. RDR-80MH1AKU-LF:supports the LEAF credential in addition to all card types supported by the WAVE ID Plus platform (no support for iClass ID/SE or SEOS). Visit https://leafidentity.com/fordetails on the LEAF credential RDR-80MH1AKU:Supports all card types supported by WAVE ID plus platform, with the addition of MIFARE DESFire EV1/EV2, MIFARE Classic, MIFARE Mini and MIFARE SmartMX (contactless only). No support for iClass ID/SE or SEOS.		

rf IDEAS* and WAVE ID* are registered trademarks of rf IDEAS, Inc. Trademarks not belonging to rf IDEAS are property of their respective companies.

©2020 rf IDEAS, Inc. All rights reserved. Products are subject to change without notice.

