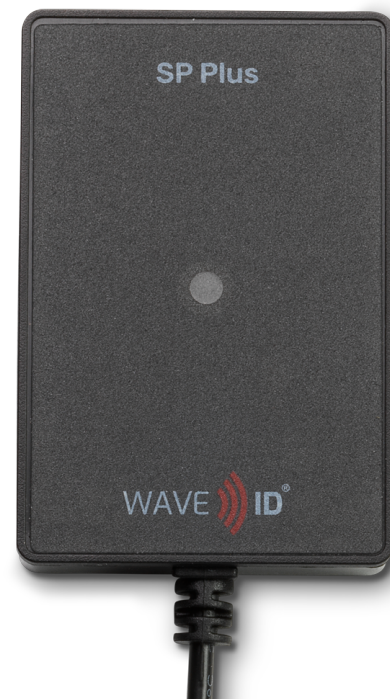> The ultra-slim WAVE ID® SP Plus is a flexible offering that will maximize the value of your existing card system.

The WAVE ID SP Plus is an ultra-slim, multi-purpose credential reader for identification, authentication and logical access. Its small, thin form factor enables various integrated 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.

Designed for Flexibility and Adaptability

Versatile and scalable, the WAVE ID SP Plus combines proximity and contactless technologies into one reader. The WAVE ID SP Plus incorporates a SIM card slot for expansion to read additional secure card types including the support of iCLASS SE® and Seos®. 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 includes:

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

- Reader can be transformed into desktop format with optional bottom housing

- 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 WAVE ID SP Plus supports the power of HID employee badge and Student ID in Apple Wallet

- Support for MIFARE Secure card types: DESFire EV1/EV2/EV3; Classic; Plus; Ultralight/Ultralight-C

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.

Digital Wallet & Mobile Credential Support

Users can authenticate their identity with the encrypted digital credentials stored on their smartphones to leverage digital wallet technology which offers higher levels of security. Digital wallet access control is ideal for close-proximity authentication use cases such as remote network access. The WAVE ID® SP Plus supports NFC 13.56 MHz frequency for mobile credentials, offering user-friendly and secure logical access for a number of use cases. rf IDEAS works with leading credential provisioners to ensure an interoperable mobile solution for your secure digital ecosystem.
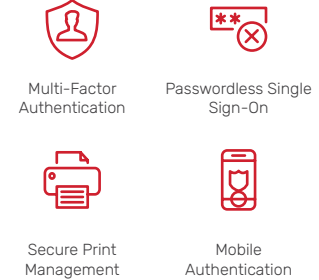
Trust begins here.™

Common Applications

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

AUTHENTICATION SOLUTIONS FOR KEY MARKETS

Healthcare

Manufacturing

Government

Financial

Education

COVERING THE FULL RANGE OF APPLICATIONS

Multi-Factor Authentication

Passwordless Single Sign-On

Secure Print Management

Mobile Authentication

Reader Models	WAVE ID SP Plus			WAVE ID Mobile SP Plus		
Secure Technology Type	N/A	HID	MIFARE	HID	MIFARE	LEGIC
Model	RDR-805H1BKU	KT-800H1BKU	KT-80MH1BKU	KT-300H1EKU	KT-30MH1EKU	RDR-30LH1EKU and KT-30LH1EKU-H
Operating Frequency	125/132 kHz and 13.56 MHz			125/132 kHz, 13.56 MHz, and 2.4 GHz		
Protocol/Operating Mode	Keystroke and SDK			Keystroke and SDK		
Dimensions (L x W x H)	Height 0.6" (1.52cm) x Width 2.0" (5.08cm) x Length 3.0" (7.62cm)					
Weight	SP reader 0.78 oz. (22gm)					
Housing Color	Black					
Indicators	LED indicator (green, amber, red) Adjustable beeper volume (off, low, medium, high)					
Power Supply	USB self-powered					
Power Consumption	70 mA typical, 100 mA maximum					
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 (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					
Configuration Utilities (available on rf IDEAS support page)						
Proximity Card Types (125/132 kHz)						
Contactless Smartcard Types (13.56MHz)						
NFC, Mobile Credentials (13.56MHz)						
Accessories	KT-SIM-SE-V2: HID Omnikey SAM*, KT-SIM-AV3: MIFARE SAM AV3					