

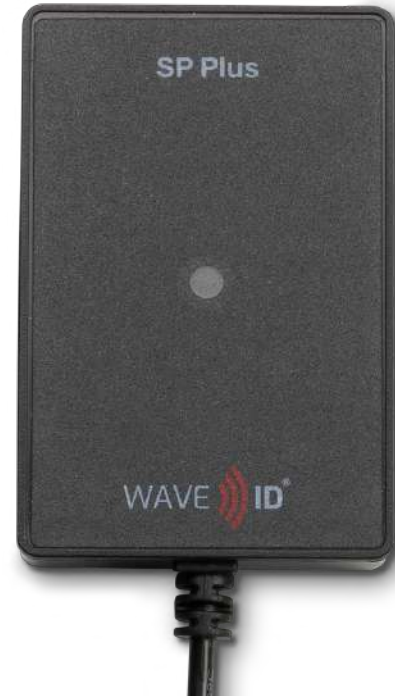
The ultra-slim WAVE ID SP Plus LEGIC is a flexible secure print offering that will maximize the value of your existing card system.

The WAVE ID SP Plus LEGIC 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 LEGIC can fit into a variety of purpose-built devices such as printers, time clocks, kiosks, or protective enclosures.

Designed for Flexibility and Adaptability

Versatile and scalable, the WAVE ID SP Plus LEGIC combines proximity and contactless technologies into one reader. The WAVE ID SP Plus LEGIC incorporates a SIM card slot for expansion to read additional secure card types that includes 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
- Patented auto-tuning 13.56 MHz antenna to optimize performance in various environments
- Compatible with LEGIC Connect and Orbit
- Direct access to the LEGIC 6300 IC by enabling transparent mode for programming customization
- The WAVE ID SP Plus LEGIC supports the power of HID employee badge and Student ID in Apple Wallet with the optional HID SIM card
- 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 LEGIC 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 LEGIC 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.™



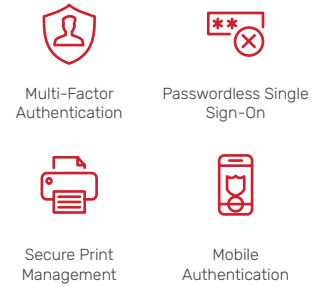
Common Applications

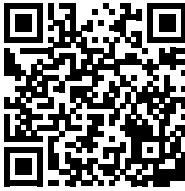
The introduction of the card reader which accommodates four configurations pave the way to an unlimited number of applications. Here are some of the most common applications in key industries.

AUTHENTICATION SOLUTIONS FOR KEY MARKETS



COVERING THE FULL RANGE OF APPLICATIONS



| Reader Models | 30LH* |
|--|--|
| Secure Access Module | LEGIC 6300 |
| Secure Technology Type | LEGIC and MIFARE Secure |
| Operating Frequency | 125/132 kHz, 13.56 MHz, and 2.4 GHz |
| Protocol/Operating Mode | 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 | Quad-state 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) | |
| NFCx Mobile Credentials 13.56 MHz and 2.4 GHz | |
| Accessories | Cables KT-SIM-SE-V2: HID Omnikey SAM*, KT-SIM-AV3: MIFARE SAM AV3 |

*For HID iClass and SEOS, Custom/Elite key, a Secure Access Module (SAM) is required