WAVE ID® Nano with LEGIC

TYPE-A USB CONNECTOR

Simplify authentication and access with the versatile WAVE ID Nano with LEGIC.

The WAVE ID Nano with LEGIC reader incorporates all the features of the desktop readers into the world's smallest LEGIC prime and advent reader. It's the ideal choice for user authentication and access in challenging environments and applications where security is critical.

Like all rf IDEAS® readers, the WAVE ID Nano with LEGIC reader inserted in a laptop or tablet helps technology-driven organizations protect critical data and information while giving authorized users mobility and peace of mind. Its compact size makes it easy for mobile workers—including first responders or military professionals—to do their jobs while complying with organizational guidelines for authentication, identification and access.

- Includes features of desktop and surface mount readers in ultra-compact USB
- Auto tuning for contactless counters effects of card variability or environment
- Provides up to four badge/card configurations
- Revolutionary small size offers ultimate flexibility in solution opportunities

Feature-Rich, Compact Reader Profile

The LEGIC reader's small size offer flexibility in a wide variety of mission-critical integrations. The small form size minimizes the required hardware components when embedded within housings or keyboards, for example, in IT applications where access control is required.

Compatibility with Existing Badge Systems

The WAVE ID Nano with LEGIC reader easily integrates into existing 13.56 MHz contactless smart card systems and is compatible with most credential types worldwide

Secure Access

When an employee is away from the laptop or desktop computer, it is critical to secure access to the information. A WAVE ID Nano with LEGIC Nano allows a user to easily access the device with a simple wave of an authorized badge. No longer does the user need cumbersome passwords. Multiple access cards can be configured to authenticate a single device, for environments where a computer is shared by several individuals. For secure printing, the compact size complements the efficiency of single and multi-function printers where print management software ensures print jobs are not released until an employee waves his badge at the reader.

Trust begins here.™

Common Applications

The introduction of mobile badge readers opens the door to an unlimited number of applications. The Software Developer's Kit (SDK) allows independent developers to give their application the ability to read badge identification information directly off any contactless smart card. 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	Proximity Card Readers
Model Series	RDR-7L12AKU (13.56 MHz) RDR-7L1xBKU (13.56 MHz) OEM-7L1xAXU (13.56 MHz)
Operating Frequency	13.56 MHz
Interface	USB
Software Developer Kit (SDK)	Yes
PHYSICAL CHARACTERISTICS	**Proximity Card Readers**
Dimensions (inches)	**Height:** 0.88" x Width 0.62" x **Length:** 0.76" (22.4 mm x 15.7 mm x 19.3 mm)
Weight	0.14 ounces (4g)
Housing Color	Black
Cable Length	Not applicable
Indicators	LED
Form Factors	Vertical
Power Supply	USB self-powered
Power Consumption	60 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	**Proximity Card Readers**
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
Compatible Operating Systems	Windows XP®, 7®, 8®, 10® and Linux (Ubuntu)
Card Types	AKU models: LEGIC prime UID; LEGIC advant ISO 14443A/15693 UID. Does not support multi-technology LEGIC cards (e.g. MP410 and MM410) BKU models: LEGIC prime and advant UID and secure segment data, as well as most 13.56 MHz cards supported by the WAVE ID Solo and Plus platform. Visit https://www.rfideas.com/cardcompatibility for full list of supported card types. Contact rf IDEAS for specific card type questions.