

## Deliver Authentication and Access in Demanding Environments



13.56 MHz Contactless Vertical (left) and 125 kHz Proximity Vertical (right)

The WAVE ID Nano USB-C reader incorporates all the features of the desktop readers into an ultra-compact and highly resistant USB form factor. Because the reader is designed to meet punishing military-grade specifications, 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 USB-C 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 ultra-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.

### Highly Resistant

To comply with select MIL-STD-810 requirements that address “hostile environment” usage, the WAVE ID Nano USB-C reader features an over-molded design that is built to resist:

- Altitude
- High temperatures
- Low temperatures
- Humidity
- Sand and dust
- Vibration
- Shock
- Freeze/thaw

### Feature-Rich Small Reader Profile

The reader's unsurpassed ruggedness and revolutionary small size offer flexibility in a wide variety of mission-critical integrations. The small form factor is not intrusive to the laptop user and avoids breakage costs common with larger dongle-style readers. This ultra-compact reader minimizes the required hardware components when embedded within housings or keyboards, for example, in IT applications where access control is required. The WAVE ID Nano USB-C reader with its Type-C USB connector is designed for this growing industry requirement.

### Compatibility with Existing Badge Systems

The WAVE ID Nano USB-C reader easily integrates into existing 125 kHz proximity or 13.56 MHz contactless smart card systems and is compatible with most credential types worldwide.

Trust begins here.™

### Common Applications

Credential-based reader solutions help streamline workflow and avoid identification errors by eliminating the need to manually enter usernames 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	+	+	+	+

#### STANDARD FEATURES

Model Series	RDR-6xUxAKU (125 kHz) RDR-7xUxAKU (13.56 Mhz) (Visit <a href="http://www.rfideas.com">www.rfideas.com</a> for a full list of part numbers depending on the supported card type.)
Operating Frequency	125 kHz or 132 kHz
Interface	USB
SDK available for writing apps to the reader	Yes

#### PHYSICAL CHARACTERISTICS

Dimensions (inches)	Height 0.83" (21.1mm) x Width 0.41" (10.5mm) x Length 0.51" (13.0mm) (not including the USB-C connector)
Weight	0.14 ounces (4g)
Housing Color	Black
Cables	Not applicable
Cable Length	Not applicable
Indicators	LED
Form Factors	Vertical
Power Supply	USB self-powered

#### ENVIRONMENT

Operating Temperature Range	-22° to 150°F (-30° to 65°C) for non-SEOS models only; 32° to 150°F (0° to 65°C) for SEOS models
Operating Humidity Range	5% to 95% relative humidity, non-condensing
Storage Temperature Range	-40° to 185°F (-40° to 85°C)

#### OTHER

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, Red Hat), macOS and Android
Card Types	Visit <a href="http://rfIDEAS.com/cardcompatibility">rfIDEAS.com/cardcompatibility</a> for the full list of supported card types.