

HF | LF - Stationary Reader **rf IDEAS - WAVE ID® Plus Mini** (MIFARE® Secure)

- Dual-Frequency RFID: 125 / 132 kHz + 13.56 MHz (ISO 14443)
- 13.56 MHz auto-tuning for stable performance
- USB keystroke plug-and-play operation
- Adjustable LED & beeper
- Windows, macOS, Linux & Android compatible



HF | LF - Stationary Reader Dual-Frequency MIFARE RFID Reader

The versatile WAVE ID Plus reader combines proximity and contactless technologies into one reader that has the ability to hold four card configurations, enabling growing organizations to seamlessly integrate different ID card technologies. These credential readers are designed for customers seeking to leverage their existing card system for applications beyond building access.

Developed to read virtually any proximity or contactless card type in the world, the WAVE ID Plus is the most powerful, robust reader on the market for identification, authentication, and access applications. Credential-based reader solutions eliminate the need to manually enter user names and passwords, streamlining workflow and eliminating errors for identification.

The WAVE ID Plus reader easily integrates into existing card access systems, allowing companies to leverage the same cards they use to get into the building for countless applications involving logical access to network, software applications, and equipment. Connecting directly into the USB port, the reader emulates keystrokes of the USB model card data on the login screen. Its plug-and-play functionality requires no software for seamless integration with common operating systems and applications.

Common Applications

- Single Sign-On
- Time & Attendance
- Training Compliance
- Transportation
- Point of Sale (POS)
- Secure Print Management

rf **IDEAS**



TECHNICAL SPECIFICATIONS

Standard Features	
Model Series	RDR-80M31AKU WAVE ID Plus Mini with Mifare Secure Black Keystroking USB reader
Operating Frequency	125/132 kHz and 13.56 MHz
Interface	USB
SDK available for writing apps to the reader	Yes (Secure Card Type configuration is not supported via SDK and requires the Smardcard Manager utility)
Physical Characteristics	
Dimensions (inches)	Length 2.9" (74mm); Width 1.7" (42mm); Height 0.5" (13mm)
Weight	2.5 ounces (72g) with a 6' cable
Housing Color	Black (gray inlay)
Cable Length	6' standard; Contact rf IDEAS for other options
Indicators	LED indicator; Adjustable beeper volume (off, low, medium, high)
Form Factors	Desktop
Power Supply	USB self-powered
Power Consumption	65 mA typical, 185 mA maximum
Environment	
Operating Temperature Range	-13° to 150°F (-25° 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	
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 (keystroking and SDK only)
Configuration Tools	rf IDEAS Configuration Utility and Smartcard Manager Utility, available on rf IDEAS support page
Card Types	Supports nearly all card types worldwide. Visit rfIDEAS.com for full list of supported card types.