The WAVE ID® Plus Mini's sleek, futureproof design accommodates credentials and security solutions for today and tomorrow.

The powerful WAVE ID Plus credential reader, known for its quality and versatility, has an extensive feature set that includes:

- Four ID card configurations (2 are pre-set and all four are user definable)

- Patented auto-tuning for 13.56 MHz antenna to optimize performance in various environments

- User-selectable volume control including a beeper on/off setting

- WAVE ID Mini Desktop 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

- Compatible with our Mini Desktop mounting bracket to prevent tampering, removal, and disassembly

Compact Design & Superior Security

The versatile WAVE ID Plus Mini reader combines proximity and contactless technologies into one reader with 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 cards for applications beyond building access.

Developed to read virtually any proximity or contactless card type in the world, the WAVE ID Plus Mini 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 usernames and passwords, streamlining workflow and eliminating errors for identification.

Expanding Credential ID Beyond Physical Access

The WAVE ID Plus Mini reader allows 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. The serial models can connect to a RS232 port*. Its user-friendly functionality requires no software for seamless integration with common operating systems and applications. The reader integrates into your software or hardware product through the use of the rf IDEAS Software Developer's Kit (SDK). The reader is also available in a CCID version, allowing plug-and-play operation with standard PC/SC drivers for Windows and other OS and including support for FIDO2 NFC authenticators.

Developer-Friendly SDK

Software Developer Kits (SDKs) allow independent programmers to develop and enable their applications with the ability to read ID card identification information directly off any of the proximity, contactless or magnetic swipe cards in use today. Software developers can easily create a solution that leverages the use of employee ID card data, resulting in added benefits to their applications such as single sign-on, QA tracking, cashless cafeteria, industrial vending or attendance.

*Serial only models do not support the power of HID apple wallet for employee badge and student ID in apple wallet
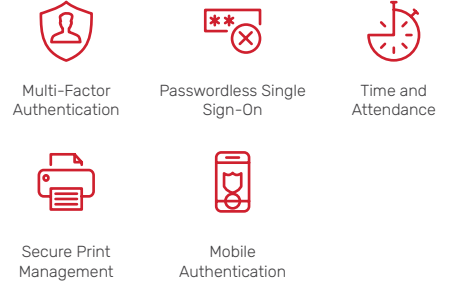
Trust begins here.™

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
- Events and Hospitality

COVERING THE FULL RANGE OF APPLICATIONS

- Multi-Factor Authentication
- Passwordless Single Sign-On
- Time and Attendance
- Secure Print Management
- Mobile Authentication

WAVE ID Plus Mini Desktop

Reader Models	805	800	80M
Secure Access Module	N/A	HID OMNIKEY	MIFARE
Secure Technology Type	N/A	HID SEOS iClass SE	DESFire EV1/EV2/EV3; Classic; Plus; Ultralight/Ultralight-C
Operating Frequency	125/132 kHz and 13.56 MHz		
Electrical/Mechanical Interface	USB/Virtual Com/RS-232 Serial/Ethernet		USB
Protocol/Operating Mode	Keystroke or rf IDEAS SDK or CCID or ASCII		Keystroke
Dimensions (L x W x H)	3.6" (90 mm) x 2.1" (52 mm) x Height: 0.7" (17 mm)		
Weight	4.0 ounces (113.39g)		
Housing Color	Black		
Cable Length	6' standard; 6" and 16" lengths available		
Indicators	Quad-state LED (off, green, amber, red) and adjustable beeper (off, low, medium, high)		
Power Supply	USB self-powered; some RS-232 models require external power source		USB self-powered
Power Consumption	65 mA typical, 185 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		
Compatible Operating Systems	Keystroke: USB HID keyboards compliant with USB protocol SDK: Windows 10 (30 & 64 bit), 11 (64 bit), MacOS Monterey and above, Linux Ubuntu 20.04 and above (64bit) Chromium Web Browsers (WebSDK), Google Chrome (Linux, Mac, or ChromeOS), Microsoft Edge (Linux & MacOS), Opera (Linux), Android 14 and below**, Rasberry Pi 3b & Pi 4 (Debian 11 Bullseye (64 & 32 bit) ** Android - versions 10 and above require custom firmware		
Configuration Utilities (available on rf IDEAS support page)	rf IDEAS Configuration Utility, Smart Card Manager, Remote Reader Management Tool		
Proximity Card Types (125/132 kHz) Contactless Smartcard Types (13.56MHz)			
NFCx, Mobile Credentials (13.56MHz)			
Accessories	BKT-MINI: Mini Desktop Mounting Bracket KT-ANGLE-MINI: WAVE ID Black Angle Mini Mounting Bracket KT-ANGLE-MINI+CLIPS: WAVE ID Black Angle Mini Mounting Bracket w/Cable Clips KT-FLAT-MINI: WAVE ID Black Angle Mini Mounting Dual Lock Kit		