WAVE ID® 13.56MHz Configuration Card Writer

The WAVE ID® Configuration Card Writer enables a quick and easy way to securely configure WAVE ID Plus readers

rf IDEAS' WAVE ID Configuration Card Writer programs MIFARE® DESFire® cards to (re)configure compatible WAVE ID Plus readers without disassembling or connecting to a computer. This is particularly useful when large numbers of readers need to be (re)configured.

Use the Configuration Card Manager and WAVE ID Configuration Card Writer to program a MIFARE DESFire Card with configuration files containing the required reader configuration settings and encryption keys. Create these configuration files using the rf IDEAS Configuration Utility and/or Smart Card Manager.

The MIFARE DESFire card programmed with the reader configuration data will now securely configure the compatible WAVE ID Plus reader.

Key features include:

- **Convenient:** Easily (re)configure compatible WAVE ID Plus readers without the need for a computer or remote programming access.
- **Versatile:** Use any unprogrammed MIFARE DESFire EV1/EV2/EV3 card to create a rewritable configuration card.
- **Secure:** Protect your configuration data with AES-128 encryption, ensuring it remains secure on the MIFARE DESFire configuration card.

Expanding Versatility for the Most Robust Reader on the Market

The versatile WAVE ID Plus reader combines proximity and contactless technologies into one reader with the ability to hold four card configurations, enabling growing organizations to seamlessly integrate different proximity or smart card technologies.

The WAVE ID Configuration Card Writer offers an easy-to-use, reliable, and affordable method to securely configure the WAVE ID Plus reader. No computer connection is needed—simply tap the programmed DESFire card to configure the reader.

Designed for customers looking to maximize the use of their existing access cards, the rf IDEAS WAVE ID Plus readers extend applications beyond just building access.

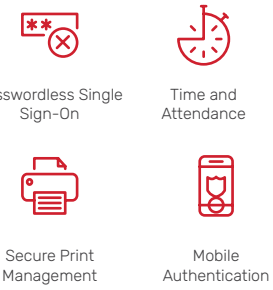
Trust begins here.™

Common Applications

The introduction of the card writer 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



The WAVE ID® 13.56MHz Configuration Card Writer	
Reader Models	**RDR-7M30BKU**
Secure Access Module	MIFARE
Secure Technology Type	MIFARE DESFire EV1/EV2/EV3
Operating Frequency	13.56 MHz
Electrical/Mechanical Interface	USB
Protocol/Operating Mode	Writer
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' (1.8m)
Indicators	Quad-state LED (off, green, amber, red) and adjustable beeper (off, low, medium, high)
Power Supply	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)
MTBF	7 years
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®, 11®
Configuration Utilities (available on rf IDEAS support page)	rf IDEAS Configuration Utility, Smart Card Manager, Config Card Manager
Contactless Card Compatibility (13.56MHz)	MIFARE DESFire EV1/EV2/EV3 1K, 2K, 4K and 8K Cards
Accessories	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

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