

## Dual-frequency proximity, contactless and HID Mobile Access credential reader with **Bluetooth®** Low Energy Technology

In addition to reading both proximity cards (125 kHz) and contactless smart cards (13.56 MHz), this reader also interacts with Bluetooth Low Energy enabled mobile devices. These devices can carry secure authentication and identification credentials, providing a convenient identity access solution for a variety of applications in every industry.

### Mobile Credentials

With advancements in mobile credentials, the rf IDEAS® WAVE ID Mobile reader is an ideal investment to enable mobility for greater business performance while supporting existing infrastructures. The WAVE ID Mobile reader is compatible with the industry-leading HID Mobile Access credential, available from HID Global through rf IDEAS.

HID Mobile Access incorporates the highly secure platform as its underlying technology. This is delivered through a highly reliable, easy-to-use and secure online management portal as an annual subscription service. Together with the Wave ID Mobile reader, the credential provides a complete logical access solution for today's mobile-dominated business environment.



### Simple Authentication

rf IDEAS programmable card readers enable customers to extend their existing card system or mobile credential beyond basic building access to secure applications throughout the enterprise. These solutions eliminate the need to manually enter usernames and passwords, streamlining workflows and eliminating identification errors. Features of the WAVE ID Mobile reader include:

- A dual card reader and Bluetooth Low Energy module in one device, saving a USB port for other peripherals
- Instant identification and authentication with mobile smart devices and employee ID cards
- Four ID credential configurations to accommodate multi-card systems
- User-selectable volume control including a beeper on/off setting

### Seamless Integration

The WAVE ID Mobile reader easily integrates into existing credential systems, eliminating the need for additional credentials or readers while increasing the number of applications that can support contactless employee authentication and identification. The reader emulates a keyboard by keystroking credential information into a text field of an application such as Microsoft® Notepad. Its plug-and-play functionality requires no additional software, providing seamless integration with most common operating systems and applications compatible with USB keyboard input.

The rf IDEAS Universal Software Development Kit (SDK) enables developers to easily integrate the WAVE ID Mobile Bluetooth Low Energy reader into their application software programs. Software developers can quickly create solutions that use employee physical or mobile credential data to bring added benefits to their applications, such as single sign-on, compliance reporting, cashless cafeteria, industrial vending or time and attendance.

Trust begins here.™

## Common Applications

The introduction of a credential reader with Bluetooth Low Energy technology unlocks an unlimited number of applications. Here are just a few of the most common applications and key industries that can benefit from rf IDEAS dual-band credential readers with Bluetooth Low Energy technology.

	HEALTHCARE	GOVERNMENT	MANUFACTURING	ENTERPRISE
Single Sign-on	+	+	+	+
Time & Attendance	+	+	+	+
Training Compliance	+	+	+	+
Point-of-Sale	+	+	+	+
Secure Printing	+	+	+	+

### STANDARD FEATURES

Model Series	<b>Readers:</b> RDR-30081CKU-MXS Desktop Keystroking Reader RDR-30082CKU-MXS Desktop SDK Non-Keystroking Reader  <b>Credentials:</b> MID-SUB-T100: HID Mobile Access Annual Subscription MID-SUB-T100-ADD: HID Mobile Access Add-On Subscription
Operating Frequency	125/132 kHz or 13.56 MHz
Interface	USB
SDK Available for Writing Apps to the Reader	Yes
WAVE ID Plus SDK	DK-PCPRX-DOWNLOAD
Credential Configurations	Up to 4, user-definable

### PHYSICAL CHARACTERISTICS

Dimensions (inches)	Height 0.6" (1.52cm) x Width 2" (5.08cm) x Length 3 3/8" (8.57cm)
Weight	4.0 ounces (113.39g)
Housing Color	Desktop, black
Cable Length	6' standard; 6" and 16" lengths available
Indicators	Beeper, LED indicator (green, amber, red)
Volume Control	User-selectable beeper volume (low, medium, high) plus beeper on/off setting
Power Supply	USB powered
Power Consumption	<b>Reader only:</b> 70 mA typical, 100 mA maximum <b>Reader and Bluetooth on:</b> 85mA typical, 120 mA maximum

### ENVIRONMENTAL

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

Certifications <i>(please contact rf IDEAS for information about other global certifications)</i>	FCC—United States; CE Mark—Europe; RCM—Australia; IC—Industry Canada; UL Environmental: RoHS, REACH
Compatible Operating Systems	Windows XP®, 7®, 8.1®, 10® and Linux®
Card Types	HID Mobile Access Credentials All 125kHz and 13.56MHz card types supported by the WAVE ID® Plus Platform