

## Desktop Read-Only Reader for ID Card Enrollment of FIPS201 PIV Cards



### Overview

The family of WAVE ID® contactless smart card readers eliminates the need for manual entry providing error-free identification. The WAVE ID Solo for FIPS201 reader (Federal Information Processing Standards) allows government users to read the contactless portion of the Personal Identity Verification (PIV) credential for enrollment, as well as other forms of identification and security throughout the workplace. The plug-and-play reader comes with configurable flash memory, allowing the user to quickly match the output to the user's needs.

### Easy Interface

As a credential enrollment or ID card reader/tester, the USB model emulates a keyboard and will keystroke user-selectable fields from the credential to the cursor's location on the screen. The reader can be configured to select which fields are read and the sequence. It can also add keystrokes before and after each of the card's fields. The user can configure the output in decimal or hex.

The WAVE ID Solo for FIPS201 reader utilizes a plug-and-play USB attachment. Readers can read data from PIV cards. rf IDEAS provides free configuration software to allow users to configure the flash memory located in the readers. Users can select any field, their output sequence, and add keystrokes before or after the fields. This allows the PIV card's data to interface with any existing application.

### Versatile Compatibility

The WAVE ID Solo for FIPS201 is compatible with Windows XP, 7, 8, 10, Mac OS and Linux (Ubuntu and RedHat).

### Developer-friendly SDK

The FIPS201 reader can be used as a keyboard device, or be seamlessly integrated with other software applications using the optional Software Developer's Kit (SDK). As an integrated reader, it has the ability to work with a multitude of applications. The optional SDK includes several high-level commands, which allows third-party developers to create contactless conscious products in just a couple of days. The output is transferred to the application via a callable DLL.

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 for government:

- Single Sign-On
- Time & Attendance
- Point-of-Sale
- Visitor Management
- Secure Printing
- PC/LAN Access Control
- Application Log-On
- Kiosk

STANDARD FEATURES	
Model Series	RDR-7P71AKU, Complete FASC-N number + Expiration Date, 245 bit output RDR-7P71AKU-75, Agency + System + Credential + Expiration Date, 75 bit output RDR-7P71AKU-200, Complete FASC-N number, 200 bit output
Typical Maximum Read Range	2.0" – 4.0" (5.0 – 10.0 cm) with PVC ID cards
Operating Frequency	13.56 MHz
Interface	USB
PHYSICAL CHARACTERISTICS	
Dimensions	4.2" x 2.5" x 0.875" (10.6 x 6.35 x 2.2 cm)
Weight	4.0oz (113.39g)
Housing Color	Black
Power Supply	USB self-powered
Indicators	Tri-state LED
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; IC-Industry Canada
Compatible Operating Systems	Windows 7®/8®/10®/MAC OS, Linux Ubuntu and RedHat
Type	Reader
Configuration Utility	rf IDEAS Configuration Utility available on rf IDEAS support page
Card Types	For a complete list, visit <a href="https://www.rfideas.com/support/tools/supported-card-types">https://www.rfideas.com/support/tools/supported-card-types</a>

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