## Meet EPCS and HIPAA Compliance Requirements in Healthcare and Other Environments

The WAVE ID Bio multi-factor authentication reader is the ideal choice for healthcare technology professionals preparing for compliance with upcoming Electronic Prescribing of Controlled Substances (EPCS) as well as the Healthcare Insurance Portability and Accountability Act (HIPAA).

The innovative reader addresses key needs related to multi-factor authentication via its WAVE ID® Plus platform capable of reading most proximity and contactless credentials, along with biometric data.

The all-in-one design of the WAVE ID Bio reader provides a higher level of identity access than conventional readers, delivering a secure, future-focused technology investment. The reader also offers security advantages in banking & financial and state/local government applications.

The reader is dual frequency and reads 125 kHz proximity, 132 kHz or 13.56 MHz formats. In addition, a fingerprint module is integrated for seamless multi-factor authentication.

### Advanced Multi-Factor Authentication in a Single Device

WAVE ID Bio incorporates the rf IDEAS flagship WAVE ID Plus platform capable of reading most global proximity and contactless credentials with **Bluetooth**® Low Energy technology and a fingerprint sensor from Crossmatch. The rich feature set of WAVE ID Bio includes:

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

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

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

- Bluetooth functionality enabled through the Bluegiga BLE113 Bluetooth Smart Module

- TouchChip® TCE FIPS201 certified silicon fingerprint module from HID

The multi-factor authentication provided by WAVE ID Bio will comprise any two of the three tenets for security: what the practitioner knows (for example, a password), what the practitioner has (including a hard token or smart card), and what the practitioner is (biometric data such as a fingerprint).

### Meets Emerging Compliance Requirements

The WAVE ID Bio is engineered to deliver badge, smartphone token and biometric authentication while meeting upcoming EPCS regulations mandated by the Patients and Communities Act. These regulations are required for the distribution of controlled substance prescriptions starting on January 1, 2021, giving organizations preparation time to implement compliant readers ahead of the legislation.

Trust begins here.™

## Common Applications

Credential-based reader solutions help streamline workflow and identification errors by eliminating the need to manually enter user names and passwords. The reader offers security advantages in these industries:

• Healthcare
• Government
• Banking & Finance
• Enterprise

| STANDARD FEATURES | |
|---|---|
| Model Series | RDF-30542AKU: WAVE ID Bio SDK Badge, BLE & Fingerprint Combo Black USB Reader |
| Operating Frequency | Dual Frequency |
| Interface | USB |
| SDK available for writing apps to the reader | Yes:<br>• rf IDEAS SDK DK-PCPRX-DOWNLOAD for the card reader<br>• Silicon Labs SDK for the BLE113 Module available at<br>http://www.silabs.com/products/development-tools/software/bluegiga-bluetooth-smart-software-stac<br>• U.are.U SDK for the Fingerprint Sensor from HID (Crossmatch) |
| PHYSICAL CHARACTERISTICS | |
| Dimensions | 3.5 in x 2.5 in x 0.6 in (8.9 cm x 6.4 cm x 1.6 cm) |
| Weight | 1.7 oz (48 grams) - preliminary |
| Housing Color | Black (gray inlay) |
| Cables | 6ft USB-A cable |
| Indicators | LED indicators, beeper included |
| Form Factors | Fingerprint Desktop Housing |
| Power Supply | USB powered |
| Power Consumption | 70 mA typical, 100 mA maximum |
| ENVIRONMENTAL | |
| Operating Temperature Range | –22° to 150°F (–30° to 65°C) |
| Operating Humidity Range | 5% to 95% relative humidity, noncondensing |
| Storage Temperature Range | –40° to 185°F (–40° to 85°C) |
| OTHER | |
| Certifications<br>*(Please contact rf IDEAS for information about other global certifications)* | FCC-United States; CE Mark-Europe; RCM-Australia; IC-Industry Canada. Environmental: RoHS, REACH |
| Compatible Operating Systems | Windows XP®, 7®, 8®, 10® and Linux (Ubuntu, Red Hat), macOS and Android |
| Card Types | All card types supported by the WAVE ID Plus reader platform<br>For a complete list, visit https://www.rfideas.com/pcprox-plus-card-types |

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