

GDPR-compliant single-housing MIFARE Secure biometric and contactless/proximity reader seamless integrates with Imprivata OneSign to streamline support, cleaning and desktops



Electronic prescribing of controlled substances (EPCS) allows prescribers to write and transmit prescriptions for controlled substances electronically to increase safety and security. As part of EPCS, the DEA requires two-factor authentication when signing an EPCS prescription. This reader uses the WAVE ID platform to read proximity and contactless credentials as well as biometric data to provide two-factor authentication as required by EPCS.

The all-in-one design of the reader provides a higher level of identity access than conventional readers, delivering a secure, future-focused technology investment. The multi-factor authentication provided by the reader 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).

The rich feature set of the reader 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

Designed for Healthcare Settings

This reader meets the needs of several healthcare authorities, organizations and hospitals, including the National Health Service (NHS) in England. Multifactor authentication (MFA) is mandated under GDPR when accessing patient records. This reader protects data from data breaches and tracks who is redacting data into a patient's record.

Simple and Safe Contactless Authentication

Contactless readers make authentication not only simple but also easy to integrate into workflows. Optimized clinical workflows enable faster access to patient information and enhanced care delivery. Using a badge instead of keying in a username and password offers fast error-free authentication. And as the pandemic has changed workflows and the way people work, the contactless authentication of the reader also helps to reduce the transmission of viruses by reducing the number of surfaces people have to touch.

Simple and Safe Contactless Authentication

The reader integrates with Imprivata OneSign to offer a single sign-on (SSO) solution that allows healthcare providers to spend less time with technology and more time with patients. By eliminating the need to repeatedly type usernames and passwords, Imprivata OneSign allows providers to quickly and securely access clinical and administrative applications, which streamlines clinical workflows and drives EHR adoption.

As technology evolves, organizations need a cloud-enabled solution that transforms slow, repetitive, and error-prone logins into fast, secure, and reliable access into a broad ecosystem of devices and applications, including technologies that are on-premises or in the cloud. By seamlessly integrating regulatory compliance and security into end user workflows, organizations can confidently meet strict regulatory and compliance demands and can bolster their approach to data security without disrupting the end user experience.

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-IMP
Operating Frequency	125kHz 13.56 MHz BLE Biometric
Interface	USB
SDK available for writing apps to the reader	Yes: <ul style="list-style-type: none"> • rf IDEAS SDK DK-PCPRX-DOWNLOAD for the card reader • Silicon Labs SDK for the BLE113 Module available at http://www.silabs.com/products/development-tools/software/bluegiga-bluetooth-smart-software-stac • U.are.U SDK for the Fingerprint Sensor from HID (Crossmatch)
PHYSICAL CHARACTERISTICS	
Dimensions	8.9 cm x 6.4 cm x 1.6 cm
Weight	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	-30° to 65°C
Operating Humidity Range	5% to 95% relative humidity, noncondensing
Storage Temperature Range	-40° to 85°C
OTHER	
Certifications <i>(Please contact rf IDEAS for information about other global certifications)</i>	CE Mark-Europe. 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 For a complete list, visit https://www.rfideas.com/pcprox-plus-card-types