

APP-A411

Rosslare myBLE-ID™ Soft-Credential for Android,
for Mobility and Access Control Applications
using Rosslare BT Series (Rev A) Bluetooth® Readers



Search “myBLE-ID” on Google Play

Rosslare’s myBLE-ID™ application for Android OS is a smartphone credential that offers an extension of convenience and range of up to 12 m (39 ft) for Rosslare’s and third-party access control systems when deployed with Rosslare’s AY-H6255BT and AY-H6355BT Bluetooth Low Energy (BLE) enabled readers. The app creates a unique credential for each smartphone. Enrollment and operation is the same as with standard ID card credentials, enabling easy adoption in organizations seeking to use mobile credentials for their sites and users.

GENERAL DESCRIPTION

APP-A411 is a mobile credential app for Android devices supporting Bluetooth. When launched, the app scans for Rosslare BT series beacons, and displays all available readers as tabs in a list view. The user can select any of the readers (shown by the real name) and the credential is transmitted to the reader.

Once the reader receives the BLE ID, it converts the ID into a Wiegand (26-Bit to 64-Bit) format and transfers the credential to any Wiegand reader port of an access controller.

The cardholder BLE ID can be registered to access control software and hardware units. Once the controller receives the credential, it can grant or deny access and register the reception in the log file.

The app features an in-app feature that sends the credential by email to the administrator for easy enrollment. The app is available on Google Play.

Key Features

- Easy to install and use
- May be used as a credential

- Compatible with a wide range of Android Bluetooth-enabled mobile devices
- Generates a UID based on fixed device parameters (guaranteed unique)
- Rosslare’s roadmap for the app includes future upgrades

Key Benefits

- No need for a physical credential
- Offers a new and easy way to manage user and visitor credentials

Order Models

- For small installations, the APP-A411 credential app may be downloaded and purchased from the Google Play
- A bulk APP-A412 licensing program is optional, which provides an unlock key for packs of 25, 50, 100, and 500 credentials with in-app activation using a license key (Rev B)

SPECIFICATIONS

SOFTWARE SPECIFICATIONS

■ Supported OS	Android 8 and above
■ Bluetooth Versions	Bluetooth 4.0 and above

OPERATIONAL SPECIFICATIONS

■ Compliance	Compliant with Bluetooth SIG specifications: BLE 4.0, 4.1, 4.2 and 5.0
■ BLE ID Unique ID Format	Generates a Wiegand 26-Bit to 64-bit reader output The reader transmits the ID depending on the reader output format.
■ Range between Smartphone and Reader	Up to 12 m (39 ft), configurable in app
■ Encryption	AES 128-Bit session keys according to Bluetooth 4.1 Standard

ABOUT ROSSLARE SECURITY

Rosslare Security Products manufactures and markets high-quality security products via its worldwide offices and channel partners. Since 1980, Rosslare has offered high-quality systems for enterprise, small business, and residential applications. With Rosslare, you receive the best of all worlds: world-class product engineering and design; professional customer service spanning the globe; and the quality and affordability of a vertically integrated and self-owned manufacturing facility. Our expansive product range features much more than access control solutions and guard patrol management systems; we also offer applications software – such as License Plate Recognition, Time & Attendance, and DVR/alarm integration.

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5505-0319101-00
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