

DR-U955BT

Multi-technology USB Desktop Enrollment Station
for Access Control Credentials

UHF
SMART

Bluetooth® NFC



Rosslare UHF Credential
SERIES for EU and USA

Wide range 13.56 MHz
Credential and NFC

DR-U955BT Enrollment Station
for Access Control System

Rosslare BLE-ID™ APP
Soft Credential

The DR-U955BT is part of Rosslare's UHF SMART™ series of products. It is an innovative USB enrollment station that features three-in-one access control credential technology, making it easier than ever to deploy the latest in access control systems. The DR-U955BT reads a wide range of 13.56 MHz multi-format smart cards, UHF EPC-Gen2-6C, and Rosslare BLE-ID™ credentials (Facility code, Credential ID), and transmits the credential to the connected access control software, such as Rosslare's AxTraxNG™. Its configurable software allows you to choose a unique output for each system.

GENERAL DESCRIPTION

This credential enrollment device features a very low power radio, which can read UHF tags (up to 3 cm), BLE-ID (up to 12 m) and 13.56 MHz smart cards (up to 3 cm) for enrolling the physical credentials to the networked physical access control system (PACS).

The DR-U955BT has a slim design with an RGB LED and indication buzzer, and features a fixed one-meter cable with a USB-type A serial connector. It is quick and easy to install and runs without any additional power source. It is designed to sit safely on any desktop. The DR-U955BT is sturdily built, with surface-gripping rubber feet. With its flat form factor, it is suitable for integration into any front panel (turnstiles and third-party devices).

When used with AxTraxNG™ v27.6.1.x and above, this device is plug-n-play and enables the end user to deploy multiple enrollment stations within the organization. The DR-U955BT comes with two utility software programs for windows – Rosslare B-Converter (to manually convert Rosslare BLE-ID to any supported Wiegand format) and the HCT Hardware Configuration Tool.

MAIN FEATURES

- Enrolls 13.56 MHz smart card Unique ID (UID) and can read the UID of a range of credentials
- Enrolls UHF-ID – Reads a wide range of passive transponders with ISO 18092 (NFCIP-1) and ISO/IEC 18000-6C credential support
- Enrolls Bluetooth – Rosslare BLE-ID™ credential directly into AxTraxNG™ Server or directly into third-party software systems
- Supports USB 2.0 Standard (compatible with USB 1.1), meets the EIA Standard
- One-meter cable and USB Type A Connector – powered by USB host PC
- SW supports the following operating systems: Windows 10 (32- and 64-Bit), Windows 7 (32- and 64-Bit), Windows Vista and Vista 64-Bit, Windows XP and XP 64-Bit, Server 2003, XP and Server 2008
- Enables access control with multi-credential authentication factors

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

■ Operating Voltage Range	5 VDC (USB powered)
■ Operation Current	Standby: 250 mA Max: 300 mA

OPERATIONAL SPECIFICATIONS

	13.56 MHz RFID (UID)	UHF Credentials	Rosslare BLE-ID
■ Supported Credentials	MIFARE Ultralight / C (Android)	ISO-18000 (6C) (Windshield)	APP-A411
	MIFARE Classi (iOS)	Hard Tags	APP-B411
	MIFARE Plus S / Plus (Android)	Vandal Evident	APP-A412
	MIFARE DESFire EV1 (iOS)		APP-B412
	ISO 14443A and 14443B		
	ISO 15693		
	HIDGlobal iClass		
	ISO 18092 (NFCIP-1) FeliCa (14443C Sony)		
■ Credential Type (Read Distance)	UHF: Up to 5 cm (2 in.) MIFARE: Up to 5 cm (2 in.) BLE: Up to 12 meters (39 ft)		
■ RF Modulation	ASK (RFID)		
■ Operation Frequency	Smart card; 13.56 MHz RFID DR-U955BT US: 902–928 MHz (America) RFID DR-U955BT EU: 865–868 MHz (Europe) RFID Bluetooth: 2.402–2.480 GHz		
■ Output Format	Wiegand 26-Bit (Custom: Wiegand 34-Bit up to 128-Bit)		
■ Hopping	The reader uses frequency hopping		

ENVIRONMENTAL SPECIFICATIONS

■ Operating Environment	Indoor use
■ Operating Temperature Range	0°C to 63°C (32°F to 145°F)
■ Storage Temperature Range	-20°C to 63°C (-4°F to 145°F)
■ Operating Humidity	0% to 95% (non-condensing)

MECHANICAL SPECIFICATIONS

■ Dimensions (H x W x D)	123 x 70 x 16 mm (4.9 x 2.8 x 0.6 in.)
■ Weight	130 g (4.6 oz.)

SYSTEM COMPONENTS

Compatible with a Rosslare's AxTraxNG, as well as many third-party access control software.

PRODUCT WARRANTY

2-year limited product warranty

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.

www.rosslaresecurity.com

MIFARE® is a trademark of NXP Semiconductors

*Wiegand 32-Bit, 34-Bit, and 40-Bit also supported, but must be pre-programmed by the factory upon request.

ROSSLARE reserves the right to revise and change this document at any time, without being obliged to announce such revisions or changes beforehand or after the fact.

