

DR-B9000

USB Fingerprint Reader / Scanner
Enrollment Terminal with Liveness Check



Fingerprint Template
Enrollment

DR-B9000

The DR-B9000 is a USB Fingerprint Reader / Scanner featuring live-finger detection. Using this device with AxTraxNG™ or with RosslareBio9000 software, this device allows easy fingerprint enrollment to your access control system. This device features a modern design with a glass scanning surface making it robust and long lasting.

GENERAL DESCRIPTION

The DR-B9000 is a USB scanner equipped with fingerprint identification module to acquire high-resolution images with the most rugged and advanced optical sensor. The comfortable, ergonomic design ensures superior performance, accuracy, and durability based on unique Fingerprint Biometric Technology.

This device can be used with Rosslare's AY-B9xxx series of biometric terminals and controllers, and can enroll fingerprints directly into the software.

PROFESSIONAL GRADE FEATURES

- USB 2.0 complaint
- USB Powered – no need separate power supply
- Use standard drivers that support the following operating systems:
 - Windows series
 - Linux kernel v2.6x and v3.x
 - Android 3.1(API Level 12) HONEYCOMB_MR1

MAIN FEATURES

- Scratch-proof glass scanning surface
- Dual technology IR and camera scanning
- Crystal clear finger scan image
- Well designed for convenient use

SUPPORTED HARDWARE

- AY-B9100BT - FP Biometric Terminal - BLE
- AY-B9120BT - FP Biometric Terminal – EM & BLE
- AY-B9150BT - FP Biometric Terminal – MIFARE & BLE
- AY-B9250BT - FP Biometric Terminal – BLE & LCD
- AY-B9350BT - Face & FP Biometric Terminal – Android

SUPPORTED SOFTWARE

- RosslareBio9000
- Rosslare AxTraxNG™ version 27.7.x.x and above

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

■ Power	USB Bus Powered
■ Current Consumption (Normal)	80 mA
■ Current Consumption (Standby)	< 5mA
■ Current Consumption (Capture Operation)	Max 120 mA
■ ESD Tolerance	< +/- 8 KV

OPTICAL FINGERPRINT SENSOR TECHNOLOGY

■ Resolution	500 PPI
■ Platen Area	14.8 (x) x 17.9mm (y)
■ Effective Sensing Area	12.6 (x) x 14.8mm (y)
■ Effective Pixel Array	248 x292
■ Image Aspect Ratio	0.85 (x / y)
■ Resolution	8 bits/pixel (256 Gray Level)
■ Light Source	White LED

TEMPLATE COMAPTIBILITY

■ Interoperability	ISO19794-2/4, ANSI378
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PHYSICAL SPECIFICATIONS

■ Dimensions	68 x 68 x 81 (w/stand) 30 x 48.5 x 70 (w/o stand)
■ Weight	210 g (0.46 lbs)

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.

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