

Baracoda RoadRunners Evolution 1D CMOS

**Designed for applications
where form factor, robustness
and battery life are key**

- Superior reading quality
- Huge battery life: more than 30,000 scans
- Bluetooth Class 1 (up to 100 meters)
- Real-time clock: ideal for proof of visit or time management
- Withstands several drops of 1.8 m onto concrete with its protective boot
- Internal memory available for batch mode
- Interfaces with a large variety of Bluetooth devices: smartphones, tablets, laptops, workstations...



1D barcode



bluetooth

Field services, parcel delivery, asset tracking, warehouse management.

Ideal for mobile applications

- RoadRunners Evolution has a slick design, is small and lightweight (fits neatly in one hand and can be easily attached to a belt via the key retractable reel accessory).
- Very reliable, efficient, durable.

Rugged product

RoadRunners Evolution, with its 3 mm of plastic casing protected by an additional layer of elastomer and the optional protective boot, is particularly adapted to harsh environments and remain fully functional even after multiple drops on concrete.

Extremely durable battery

RoadRunners Evolution 1D CMOS can read more than 30,000 barcodes over 48 hours of continuous use. Battery monitoring: check in real time the battery status of the reader on your mobile device.

Superior reading quality

Can decode damaged or low quality barcodes.

"No Data Loss" mode and auto-reconnection

When RoadRunners is connected to a host, scanned barcodes are transmitted in real time to the host. Barcodes are stored within internal memory until they are acknowledged by the application. If you scan barcodes out of the radio range, they will be stored in memory and automatically downloaded when getting back into range.

Timestamp

Associate a date and a time to the scanned data.

Batch mode

This mode enables the RoadRunners Evolution 1D CMOS to store up to 20,000 UPC barcodes with timestamp.

Intuitive user interface

- Same button to switch on, connect and scan barcodes.
- Multi color LED for connection and battery status.
- Sound beeps for successful scanning (loud volume option available for noisy environment).

Platforms compatibility

Ingenico Healthcare/e-ID provides you with an easy-to-use middleware (BaracodaManager) and a SDK to ease the integration on the following mobile platforms: PC (including Windows 7); WM5/WM6; Windows phone; CE.NET; Symbian series 9 (mobile phones); Java phones (BlackBerry and JSR82) and Android (from 2.1 version).

Plug & Scan solutions

For instant replacement of corded scanners, Ingenico Healthcare/e-ID supplies advanced Bluetooth Serial (RS232) and USB adapters with its wireless scanners. Just Plug & Scan - there is no need for driver installation.

Content

- 1 Baracoda RoadRunners terminal with rechargeable battery
- 1 charger (5V, 500mA) and its universal charging adaptor (AUS/EU/US/UK)



NAME	Baracoda RoadRunners Evolution 1D CMOS (BRR-L)	
Communication		Bluetooth 2.0 + EDR Class 1 (100m) SPP profile
User interface		2 tricolor LEDs (green, orange, red) Buzzer (85 dBA)
Using modes	Real time Batch Flash memory	With or without "No Data Loss" mode 20,000 UPC codes capacity 1 MByte
Scan engine	Real time clock Reading technology	Timestamp activation capability CMOS (Intermec EV10)
Reading modes	Reading distance Scan rate Scan angle Trigger Autoscan Smart autoscan Aiming	4 to 50 cm (1.5 to 19 in) 200 scan/s 40° Possibility to switch ON beam via Bluetooth Beam always ON Save power consumption To target then scan the barcode
Decoding capabilities	"No duplicate scan function" Supported symbologies	Available Interleaved 2 of 5, Code 2 of 5 Standard, Matrix 2 of 5 Codabar/Monarch, Code 11, Code 128 GS1-128 (UCC/EAN-128), Code 39, Italian PharmaCode Code 93, UPC-A/E, EAN8/EAN13, JAN 8/JAN13 ISSN/ISBN, MSI GS1 DataBar Omnidirectionnel (ex RSS-14)
Power	Battery Autonomy Charging time	1 X 2200 mAh Li-ion rechargeable 30 000 scans 4 hours for a full charge/2h30 for a charge at 80%
Physical	Length Width Height Weight	123 mm (4,84 in) 52 mm (2,05 in) 33 mm (1,3 in) 140 g (4,9 oz)
Environment	Operating temperature Storage temperature Operating humidity Shock Ambient light	-10°C - +40°C (14°F - +104°F) -10°C - +60°C (14°F - +140°F) 5 - 95% (non condensing) Several 1.8m (6ft) drops onto concrete (with protective boot) Full darkness to sunlight



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