ingenico

healthcare
e-ID

Baracoda RoadRunners Evolution 1D CMOS

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

Field services, parcel delivery, asset tracking, warehouse management

- 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...

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1D Barcode   Bluetooth

ingenico® healthcare e-ID

Baracoda RoadRunners Evolution 1D CMOS

Ideal for mobile applications

· RoadRunners Evolution 1D CMOS 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 1D CMOS, 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.

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

Content

· 1 Baracoda RoadRunners terminal with rechargeable battery
· 1 charger (5V, 500mA) and its universal charging adaptor (AUS/EU/US/UK)
· 1 CD with all the documentation and software needed

Available accessories

Protective boot

Key retractable reel

Holster

Cradle 1 bay

Cradle 4 bays

Car charger

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