



► Baracoda RoadRunners Evolution 2D Full Imager

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

◁ Healthcare applications, e-ticketing, logistics and delivery

- Highly performant on very small and dense 2D barcodes
- Superior Imager reading quality, can decode barcodes on displays
- Huge battery life
- 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
- Interfaces with a large variety of Bluetooth devices: smartphones, tablets, laptops, workstations...



1D Barcode



2D Barcode



Bluetooth



Baracoda RoadRunners Evolution 2D Full Imager

Ideal for mobile applications

- RoadRunners Evolution 2D 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 2D, 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 2D can read more than 15,000 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 2D 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 2D Full Imager (BRR-FS)
Communication		Bluetooth 2.0 + EDR
		Class 1 (100m)
		SPP profile
User interface		Modes: Slave or Master
		2 tricolor LEDs (green, orange, red)
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	Imager (IT5180SF Honeywell)
	Reading distance	5 to 22 cm (2 to 8.6 in)
	Scan angle	40°
Reading modes	Trigger	Possibility to switch ON beam via Bluetooth
	Autoscan	Beam always ON
	Smart autoscan	Save power consumption
	"No duplicate scan function"	Available
Decoding capabilities	Linear barcodes	Code 2 of 5 standard, Code 2 of 5 industrial
		Codabar/Monarch, Code 39, Interleaved 2 of 5, Code 93, Code 11, Code 2 of 5, IATA Code 2 of 5, Matrix 2 of 5, UCC/EAN 128, UPC-E, Code 128, UPC-A
		GS1 Databar Omnidirectionnel (ex-RSS-14)
		GS1 Databar Stacked Omnidirectionnel (RSS-14 Stacked)
		GS1 Databar Expanded (RSS expanded)
	Stacked barcodes	GS1 Databar Expanded Stacked (RSS Expanded Stacked)
		GS1-128 (UCC /EAN 128)
	Postal barcodes	Code 49, PDF417, Micro PDF417
		Codablock
	Matrix barcodes	Postnet, PosiCode, Planet Code, Canadian post, Kiwi (Netherlands) Post, Japanese Post
QR Code, DataMatrix, MaxiCode, Aztec Code		
Power	Battery	1 X 2200 mAh Li-ion rechargeable 15,000 scans
	Autonomy	15 000 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	138 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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