baracoda™
Traceability

RoadRunners - BRR-FS 2D Version
Designed for applications where form factor, weight and autonomy are key

- Highly performant on very small and dense 2D barcodes

- Superior Imager reading quality, can decode dbarcodes on screens

- Huge battery autonomy

- Bluetooth Class 1 (up to 100 meters)

- Real-Time Clock : ideal for proof of visit or time management

- Withstand multiple drops onto concrete with its protective boot

- Interfaces with a large variety of Bluetooth® devices : PDA / mobile phone / laptop / tablet PC...

- Transportation

- Pharmacy and Medical Applications

- E-Ticketing

- Parcel Delivery

Bluetooth®

www.baracoda.com

BRR-FS Specifications

STANDARD - REGULATORY

Bluetooth® 2.0
Gap & SPP profiles. CE - FCC - Bluetooth certified

USER INTERFACE

Two tricolors LEDs (Orange, Green and Red)
Buzzer (85dBA)

BLUETOOTH RANGE

Class 1: up to 330 ft (100m)

OPERATING MODES

Real Time (with or without timestamp)
Batch (with or without timestamp): more than 10,000 UPC barcodes, Flash Memory 1 Mbyte.

SCAN ENGINE

Reading technology	Imager
Reading distance	2 to 7 in (6 à 17 cm)
Scan angle	40°

READING MODE

Trigger
Autoscan (True and Smart option)

DECODING CAPABILITIES

Linear Barcodes	Codabar, Code 39, Interleaved 2 of 5, Code 93, Code 2 of 5, IATA Code 2 of 5, Matrix 2 of 5, Code 128, UPC A, UPC-A/ EAN-13 with Extended Coupon Code, EAN/JAN13, EAN/JAN 8, MSI, GS1 Databar (ex-RSS)-14 GS1 Databar (ex-RSS) Limited GS1 Databar (ex.RSS) Expanded
Stacked Barcodes	Code49, PDF417, EAN/UCC compo site codes, RSS stacked and composite, Codablock F.
Postal Barcodes	Postnet, Planet Code, Canadian post, Kix (Netherlands) Post, Japanese Post, BPO 4 State
Matrix Barcodes	QR Code, DataMatrix, MaxiCode, Aztec Code Aztec Mesa

POWER

1 X 2000 mAh Li-ion rechargeable
Battery autonomy : more than 30,000 scans

PHYSICAL

Length	4,76 in (121 mm)
Width	1,61 in (41 mm)
Height	1,25 in (32 mm)
Weight	4,9 oz (140g)

ENVIRONMENT

Operating temperature	32°F (0°C) - 104°F (40°C)
Storage temperature	14°F (-10°C) - 140°F (60°C)
Operating humidity	5 - 95% (Non condensing)
Shock	Several 6 ft (2 m) drops onto concrete (with protective boot)
Ambient light	Full darkness to sunlight

General features

Ideal for mobile applications:
• BRR-FS has a slick design, is small and lightweight (Fits neatly in one hand and can be easily attached to a belt via the key reel accessory).
• Very reliable, efficient, durable.
• Thanks to its PDA stylus, BaracodaRoadRunners can also be used as a stylus on PDA.

Rugged product
RoadRunners, with their 3 mm of plastic casing protected by an additional layer of elastomer and the optional protective boot, are particularly adapted for harsh environments and remain fully functional even after numerous drops on concrete.

Extremely durable batteries
BRR-FS delivers more than 10,000 scans over 48 hours of continuous use.
Battery monitoring possible: visualise in real time from the mobile device the battery level status of the RoadRunners (Fuel Gauge)

Superior reading quality
Can decode damaged or low quality barcodes. Thanks to its Smart Focus technology, it is very aggressive on very small 2D barcodes.

No Data Loss mode and Auto Reconnection:
When RoadRunners is connected to a host, scanned barcodes are transmitted in real time to this host. Barcodes are stored within internal memory until they are ackowledged 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.

Internal time clock
Every barcode can be Date and Time stamped.

Batch mode:
If used in batch mode, RoadRunners can store up to 10000 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:
Baracoda provides a user-friendly middleware (BaracodaManager) and also supplies developers with state of the art APIs to ease the integration platforms: PC ; PPC 2002/2003; WM5/6; CE.NET; Palm OS, Symbian serie 6 (Mobile Phones) and Java phones (Blackberry and JSR82)

Plug and Scan Solutions
For instant replacement of corded scanners, Baracoda supplies advanced Bluetooth Serial (RS232) and USB adapters with its wireless scanners. Just plug & scan - there is no need for driver installation.

Package content

1 Scanner with rechargeable batterie
1 PDA stylus
1 Charger (5V, 500mA)
1 CD with all the documentation and software needed.

Available accessories

Protective boot

Key retractable reel

Cradle — Only to be used with RoadRunners AND Protective Boot

Car Charger

Neck Lanyard