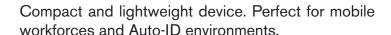# Baracoda RoadRunners
BRR-F / 2D imager

- 330 ft (100 m) operational range
- Rugged device
- Internal memory and time clock
- Ideal for mobility applications

Compact and lightweight device. Perfect for mobile workforces and Auto-ID environments.

The Baracoda RoadRunners family are Bluetooth Class1 products, allowing barcodes to be transmitted up to 100 meters (330 ft) .

Thanks to the High Definition 2D Imager technology, the BRR-F provides a perfect fit for all applications that require a cost effective, aggressive scanning and require to scan very small 2D barcodes. The BRR-F was specially designed for the health-care market.

Scanning distance: 2 to 13 in (5 to 33 cm)

About Baracoda

Baracoda is the world's first and only manufacturer offering a full range of Bluetooth barcode and RFID readers. Baracoda's field-proven wireless solutions provide its customers and partners with efficient tools that are innovative, reliable and convenient to use, simplifying integration for a quick Return On Investment.

Bluetooth®

BRR-F Specifications

STANDARD - REGULATORY
Fully compliant with Bluetooth® 1.2 Standard Gap & SPP profiles. Will be CE - FCC - Bluetooth qualified

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

BLUETOOTH RANGE
Class 1: 230ft - 330 ft (70m - 100m)

OPERATING MODES
Real Time (with or without timestamp)
Batch (with or without timestamp)

SCAN ENGINE

Reading technology	Imager
Reading distance	2 to 13in (5.1 to 33 cm)
Scan rate	240 scans/s
Scan angle	40°

READING MODE
Trigger
Autoscan

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 11, Code 128, Telepen, UPC A, UPC-A/EAN-13 with Extended Coupon Code, EAN/JAN 13 EAN/JAN 8, MSI, Plessey Code, RSS-14, RSS Limited, RSS Expanded, PosiCode A and B.
Stacked Barcodes	Code49, Code 16K, PDF417, EAN/UCC composite codes, RSS stacked and composite, Trioptic, TLC39, Codablock F.
Postal barcodes	Postnet, Planet Code, British Post, Canadian post, Kix (Netherlands) Post, Australian post, Japanese Post, China Post, Korea Post.
2D barcodes	QR Code, DataMatrix, MaxiCode, Aztec Code.

POWER
1 X 2000 mAh Li-ion rechargeable
Battery life : more than 23,000 scans (1scan/sec)

PHYSICAL

Length	in (121 mm)
Width	in (41 mm)
Height	in (32 mm)
Weight	oz (140g)

ENVIRONMENT

Operating temperature	32°F (0°C) - 104°F (40°C)
Storage temperature	14°F (-10°C) - 158°F (70°C)
Operating humidity	5 - 95% (Non condensing)
Shock	Several ft (1,8 m) drops to concrete (with protective boot)
Ambient light	Full darkness to sunlight

General features

Ideal for mobility applications:
• BRR-F has a slick design, is small and is lightweight (Fits neatly in one hand).
• Very reliable, durable, rugged, with heavy battery capacity (the battery delivers more than 10,000 scans over 48h of continuous use).
• Easy to carry around in a pocket or attached to the belt via the belt holster or the key reel accessory.
• Thanks to its integrated PDA stylus, Baracoda RoadRunners can also be used as a stylus for 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 remains fully functional even after numerous drops on concrete.

Superior reading quality
Can complete 240 scan per second and decode damaged or low quality barcodes. Thanks to its HD technology, it is very aggressive on very small 2D barcodes.

No data loss guarantee:
When RoadRunners are 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.

Auto Reconnection:
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 associated with the time and the date the barcode was read.

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 on the following mobile platforms: PC ; PPC 2002/2003; 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:
The protective boot is made of lightweight, flexible elastomere, and slips easily over the scanner.

Belt clips
Two types: Holster and key retractable reel will allow the users to get both hands free while carrying the scanner

Craddle
Available End 05