



## BCM 2604 Full Imager



### CMOS Barcode scanner

- 300 ft (100 m) operational range
- Ergonomic design
- Audible & visible indicators

The BCM2604 F is a member of the 2604 product line. Its gun-shaped and protected form factor offer efficient use of the scanner in multiple environments.

The 2604 series are class 1 products, allowing barcodes to be transmitted up to 330 ft (100 meters).

Thanks to the imaging technology, the BCM2604-F can read all major linear, stacked linear and matrix bar code symbologies. In particular it is very aggressive on very small 2D barcodes (High density scanning technology) and thus it is particularly indicated for healthcare, manufacturing and transport applications.

Scanning distance: 2 to 7 in (5 to 33 cm)



#### About Baracoda

Baracoda is the world's first and only manufacturer offering a full range of Bluetooth barcode scanners. Baracoda's field-proven wireless and barcode scanning 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.



# BCM 2604 F Specifications

## STANDARD - REGULATORY

Fully compliant with Bluetooth® 1.1 Standard  
Gap & SPP profiles  
CE - FCC - Bluetooth qualified  
Class 1 Laser Product

## USER INTERFACE

Green LED  
Buzzer

## BLUETOOTH RANGE

Class 1: 300ft - 500 ft (100m - 150m)

## OPERATING MODES

Real Time  
Master

## SCAN ENGINE

Reading technology Imager  
Reading distance 2 to 13 in (5.1 to 33 cm)  
Scan angle 40°

## 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, Micro 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.

**2 D barcodes:** QR Code, Data Matrix, MaxiCode, Aztec Code

## POWER

2 x AAA NimH - 2100 mAh rechargeable  
Battery life: 4000 scans

## PHYSICAL

Length 5.63 in (143 mm)  
Width 3.10 in (78.8 mm)  
Height 6.08 in (154.5 mm)  
Weight 6.35 oz (180 g) without batteries

## 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 3.3ft (1m) drops to concrete  
Ambient light Full darkness to sunlight

## General features

### One click connectivity products:

Just switch on your scanner to get connected!

### No data loss guarantee:

Barcodes are stored within internal memory until they are acknowledged 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.

### Intuitive user interface:

- Only one button to switch on, connect and scan barcodes
- Multi color led for connection and battery status
- Sound beeps for successful scanning.

### Platforms compatibility:

Baracoda provides users with user-friendly software (BaracodaManager) and provides 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 (Mobile Phones)
- Most Bluetooth devices (printers, access points, ...)

### Plug and Play Solution

Real Plug & Play solution with Baracoda Serial Dongle (compatible with all devices equipped with a RS232 port)

## Package content



1 BCM 2604 F  
2 rechargeable batteries  
1 Charger  
1 CD with all the documentation and software needed.

## Available accessory



### Protective boot:

The protective boot for the 2604 Serie is made of ruggedised high density foam. It is made by two separate units -one covering the hood and the second covering the base of the handle of the scanner- linked together by an elastic rope. While the protective boot does add some bulk to the scanner, its shock protection value compensates for this size increase. The protective boot also offers a small ring that can be attached to a lanyard or a retractable badge reel. It is ideal for mobile workers who need a rugged product.