BCM2604-L Cordless Linear Imager

For aggressive scanning, wireless long range transmission and user comfort

- Superior reading quality CMOS linear imager up to 200 scans/s.

- Decode damaged or low quality barcodes.

- For intensive scanning

- Visible & Audible Indicators

- Instantly connected with Baracoda's Plug & Scan solution.

- Easy setup & configuration with BaracodaManager Software

- Bluetooth Class 1 enables long (up to 330 ft, 100m) and secure transmission

Thanks to its cost effectiveness, its gun shaped form factor and its aggressive reading, the BCM2604-L answers the needs of a wide range of applications needing a performant cordless hand held barcode scanner.

As all products of the 2604 family, the BLR2604 permits to transmit barcodes to a host and to receive an ackowledgment ensuring that the data has been correctly received at a distance of up to 330 ft (100m).

The 2604 family is compatible with Baracoda Plug&Scan offer. The user simply plugs the USB or Serial Plug&Scan Dongle into his host and reads the selected pairing code. No other settings are required to be immediately operative

Scanning distance: 1.5 to 19 in. (4 to 50 cm)

Bluetooth®

About Baracoda

World's leading manufacturer of Bluetooth wireless barcode readers, Baracoda promotes the development of data capture solutions for both Mobile and In premise applications. Specifically skilled in the management of power consumption, security, and the interoperability of systems, Baracoda provides customers and partners with appropriate, reliable, extremely competitive solutions suitable for all wireless environments. For more information, visit http://www.baracoda.com.

ADC distribution

BCM2604-L Specifications

STANDARD - REGULATORY

Fully compliant with Bluetooth® 1.1 Standard
Gap & SPP profiles. CE - FCC - Bluetooth qualified

USER INTERFACE

Green LED
Buzzer

BLUETOOTH RANGE

Class 1: 230ft - 300 ft (70m - 100m)

OPERATING MODES

Real Time
Master

SCAN ENGINE

Reading technology	CMOS
Reading distance	1.5 to 19 in (4 to 50 cm)
Scan rate	200 scans/s
Scan angle	40°

DECODING CAPABILITIES

Bar Codes Supported	UPC-A/E, EAN-8/JAN-8, EAN-13/JAN-13, EAN128, Code 32, Full ASCII code 39, code 39, code 93, Inter leaved 2 of 5, Matrix 2 of 5, Standard 2 of 5, Codabar, Code 128, MSI/Plessey code, Telepen, Code 11, Linear RSS, PDF 417.

POWER

2 x AAA NimH - 2100 mAh rechargeable
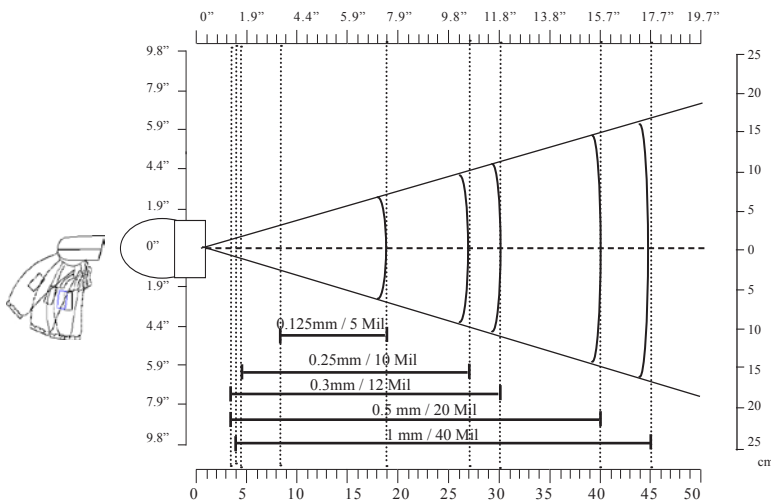Battery life: up to 12 000 scans

PHYSICAL

Lenght	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

TYPICAL PERFORMANCE (DOF)

General features

One click connectivity and Auto-Reconnection:

Just switch on your scanner or just come back within the Bluetooth range of your host device to get connected! The connection process, thanks to the BaracodaManager or thanks to the Plug&Scan dongles , is automatic and completely transparent to the user.

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 and Java Mobile Phones + RIM (Blackberry)
• Most Bluetooth devices (printers, access points, ...)

Plug and Scan Solution

Real Plug & Scan solution with Baracoda Serial Dongle (compatible with all devices equipped with a RS232 port) and Baracoda USB Plug&Scan Dongle. Just plug it into your host, read the related pairing barcode and use it. The easiest way to use a Bluetooth scanner.

Package content

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

Available accessory

Protective boot and key retractable reel:

The protective boot for the 2604 Serie is made of ruggedised high density foam. 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 key retractable reel. It is ideal for mobile workers who need a rugged product.