



# BL2604

## Laser Barcode Scanner

- Retail
- Factory/Warehouse
- Field Service/Sales

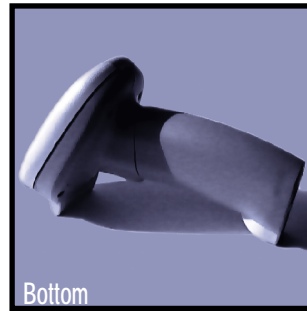
Scanning distance :  
Up to 21 in (53 cm)



- Use with any Bluetooth 1.1 compatible host
- Up to 500 feet (150m) operational range
- Bluetooth Access Points/Adapters Available

### About HighPerTec

HighPerTec offers a full range of Bluetooth products and the worlds first Bluetooth barcode scanners. HighPerTec'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.



## Specifications

### Standard

- Fully compliant with Bluetooth™ 1.1 Standard
- GAP & SPP profiles

### User Interface

- Tri-color LED
- Buzzer

### 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)

### Operating Modes

- Batch
- Real Time

### Scan engine

- Laser
- Reading distance : 3 to 21 in (7 to 53 cm)  
(UPC/EAN 100%)
- Scan angle : 30°
- Scan rate : 150 scans/s

| Label    | Density Range                  |
|----------|--------------------------------|
| 5.0 mil  | 3.0 - 5.0 in (7.6 - 12.7 cm)   |
| 7.5 mil  | 2.5 - 8.0 in (6.4 - 20.3 cm)   |
| 10.0 mil | 2.0 - 11.0 in (5.1 - 27.9 cm)  |
| 13.0 mil | 2.0 - 15.0 in (5.1 - 38.1 cm)  |
| 20.0 mil | up to 21.0 in (up to 53.3 cm)  |
| 55.0 mil | up to 40.0 in (up to 101.6 cm) |

### Range

- 300ft ~ 500ft (100 m ~ 150 m)
- Varies depending on use environment

### Radio

- Class 1 - 20dBm
- Frequency hopping : 2.402GHz ~ 2.4835GHz
- GFSK modulation

### Environment

- Operation temperature : 32°F (0°C) ~ 104°F (40°C)
- Storage temperature : 14°F (-10°C) ~ 158°F (70°C)
- Operating humidity : 10% ~ 90% (Non-Condensing)
- Storage humidity : 5% ~ 95% (Non-Condensing)
- Shock : 3.3ft (1 m) drop to concrete

### Battery

- 2 x AA NimH - 1800 mAh rechargeable
- Battery life : over 5000 scans

### Memory

- Flash 64kBytes - user programmable
- Over 3000 bar codes

### Decoding capabilities

- UPC A/E, EAN-8/JAN-8, EAN-13/JAN-13, Full ASCII Code39, Code39, Code93, Interleaved 2 of 5, Codabar, Code 128, Chinese postcode.

For more information, please visit:  
[www.BluetoothUpgrades.de](http://www.BluetoothUpgrades.de)

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