

# 8650 Bluetooth Ring Scanner

LXE | FLEX | Scanners



The 8650 Bluetooth Ring Scanner is the industry's first truly industrial wearable and wireless bar-code scanner. Bluetooth technology combined with an innovative design has produced the most comfortable data-collection tool since the introduction of the bar-code scanner. The 8650 Ring Scanner can be used in warehouse, stocking, shipping or point-of-sale applications.

The ergonomic and feather-weight design offers comfort and all day ease of use. Operator productivity will increase with the added flexibility and mobility offered by the 8650 Ring Scanner. The 8650 Bluetooth Ring Scanner was engineered with the operator in mind, and to thrive in transaction-intensive applications. It is compatible with virtually any Bluetooth enabled computer or mobile terminal.



## RUGGEDNESS

Magnesium alloy top delivers the ruggedness needed.

## COMFORT

Washable, versatile wearable system fits the right or left hand, and can be fitted to the wrist or back-of-hand. Smooth low profile magnesium trigger easily rotates for instant hand swapping. Lightweight design offers hours of comfortable operation.

## SCANNING

Multiple bar code capture options: laser scanner and 1D/2D imager.



# 8650

## TECHNICAL SPECIFICATIONS

### PLATFORM

#### Bluetooth Module

- Bluetooth Version 2.0
- Supports LXE EZ Pairing, operates in either master or slave modes
- SPP Bluetooth profile
- 128-bit encryption
- Class 2 radio, 10m (30 foot) roaming range
- Power management control
- Configuration via scanned barcodes

#### Indicators

- Module beep patterns indicates radio, connection, scan and battery status
- Blue LED on module indicates radio, connection status
- Ring bi-color LED indicates scan and battery status

#### Battery

- 3.7V, 750mAh Li-Ion battery
- 1D laser ring: 17,000 scans/28+ hours
- 1D/2D imager ring (without illumination): 15,000 scans/20+ hours
- 1D/2D imager ring (with illumination): 9800 scans/13+ hours
- Battery recharges in 4 hours

#### Enclosure

- Bluetooth module and ring body are ABS plastic
- Ring face and top is magnesium alloy
- Weight: 136g (Bluetooth module, battery, ring, and hand strap)

### RUGGEDNESS

#### Environmental

- Temperature rating  
Operating: -20°C to 50°C  
Storage: -30°C to 50°C
- Humidity: 5% - 95% non-condensing
- Drop specification: 1.2m to concrete
- Ingress protection enclosure rating: IP54

### DATA CAPTURE

#### 1D Barcode Symbolologies

- Chinese 2 of 5, Codabar, Code 11, Code 128, Code 39, Code 93, Discrete 2 of 5, Interleaved 2 of 5, MSI Plessey, RSS, UPC/EAN: UPC-A, UPC-E, UPC-E1, EAN-8, EAN-13
- And others

#### 2D Barcode Symbolologies

- PDF417, MicroPDF, Code 128 Emul, Data Matrix, Maxicode, QR Code, Postal Codes

#### Ring Scanner Ranges

- 1D Laser: 5.6 cm to 1.1m typical range
- 1D/2D Imager: 5.8 cm to 55.9 cm typical range

### ACCESSORIES

- 8 bay or single bay charger
- Large or small hand/wrist strap
- Replacement finger strap kit

Download accessory catalogue at [www.lxe.com](http://www.lxe.com)



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