

GS R5000BT

Ring Bluetooth Image 2D Barcode Scanner

GS R5000BT uses a patented 180-degree rotating base design to meet different usage habits of hands, and free them. Workers can move freely in work. High-performance engine can easily scan 1D, 2D barcode labels on paper, phone or computer screen.

Integrated dual-mode Bluetooth 4.0 technology with iOS & Android & Windows Compatible features not only significantly increase workers' productivity and reduce error rates, but also provides a perfect solution for applications such as cargo sorting and warehouse management.

GS R5000BT also features vibration alerts, AI identifier recognition, real-time and batch processing modes, and original wireless charging. Simply place the scanner on the wireless charger to charge quickly and make work easier.



FEATURE

- Scan 1D, 2D barcode labels on paper, phone or computer screen.
- Dual-mode Bluetooth 4.0 communication.
- IOS & Android & Windows Compatible.
- Real time and Batch mode support.
- Multi trigger mode (Manual & Automatic & Software command).
- Wearable design to free your hands.
- Rotating function to meet the different usage habits of left and right hands.
- One-click on/off.
- Wireless charging function.

APPLICATION SCENARIOS



Retail



Healthcare



Manufacturing



Parcel Express



Direct Store
Delivery



Ticket Service

ACCESSORIES



Multi-slots Wireless Charging Pad
GS MC5000



Wearable Armband
GS AB1000
GS AB2000



Watch Powerbank
GS PB300



Bluetooth Dongle
GS D100BT-Plus

GS R5000BT

Ring Bluetooth Image 2D Barcode Scanner

PHYSICAL CHARACTERISTICS

| | |
|-------------------------|--|
| Dimensions | 51 mm (L) × 39 mm (W) × 45 mm (D) 2.0 in. (L) × 1.5 in. (W) × 1.8 in. (D) |
| Weight | 47 g / 1.66 oz. |
| Battery Capacity | 500 mAh |
| Charging | 5W (5 V / 1 A) |
| Charge Time | 2.2 hours |
| Battery Life | 7.6 hours (scan 1 time per 5 seconds) |
| Notification | LED, Beeper, Vibration |

WIRELESS CHARGING

| | |
|--------------------------------|-----------|
| Wireless Charging Power | 3W |
| Wireless Charge Time | 2.4 hours |

PERFORMANCE CHARACTERISTICS

| | |
|-------------------------------|--|
| Optical Resolution | 640 X 400 pixels |
| Sensor | 2D CMOS Image |
| Skew, Pitch & Roll | Skew±60°, Pitch±60°, Roll 360° |
| Field of View | Horizontal: 42°, Vertical: 28° |
| Illumination | crimson 660nm LED |
| Aiming Element | 610nm LED |
| Focal Distance | From front of engine: 194mm / 7.64 in. |
| Ambient Light | 107, 639 lux |
| Supported Symbologies | 1D: UPC-A, UPC-E, UPC-E1, EAN-8/JAN 8, EAN-13/JAN 13, Bookland EAN, ISSN EAN, Code 128, GS1-128, ISBT-128, Code 39, Trioptic Code 39, Code 93, Code 11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Matrix 2 of 5, Codabar, MSI, GS1 DataBar ar-14, GS1 DataBar Limited, GS1 DataBar Expanded, Composite Codes: Composite CC-C, Composite CC-A/B, Composite TLC-39 2D: Aztec Code, Data Matrix, Han Xin, MaxiCode, Micro QR, QR Code |
| Interface | USB, Bluetooth |

BLUETOOTH

| | |
|---------------------------|---|
| Bluetooth Profiles | Classic Bluetooth(BR / EDR): HID Keyboard and SPP Bluetooth low energy(BLE):BLE GATT |
| Bluetooth Range | Connect to terminal above 65.6ft./20m, Connect to D100BT-PLUS Dongle above 131ft./40m(without obstructions) |
| Bluetooth OTA | Bluetooth SPP OTA |

ENVIRONMENT CHARACTERISTICS

| | |
|------------------------------|--|
| Operating Temperature | 5°F to + 131°F / -15°C to +55°C |
| Storage Temperature | -22°F to +149°F / -30°C to +65°C |
| Humidity | 5% to 90% non-condensing |
| Drop Rating | In protective case, multiple 4.9 ft./ 1.5 m drops to concrete over the operating temperature range |
| Certification | CE, FCC, RoHS |

USB

| | |
|------------------------------|--|
| USB Interface | Micro USB 2.0 |
| USB Profiles | HID Keyboard and Virtual com port |
| Multilingual Keyboard | USB HID mode supports multilingual keyboards |

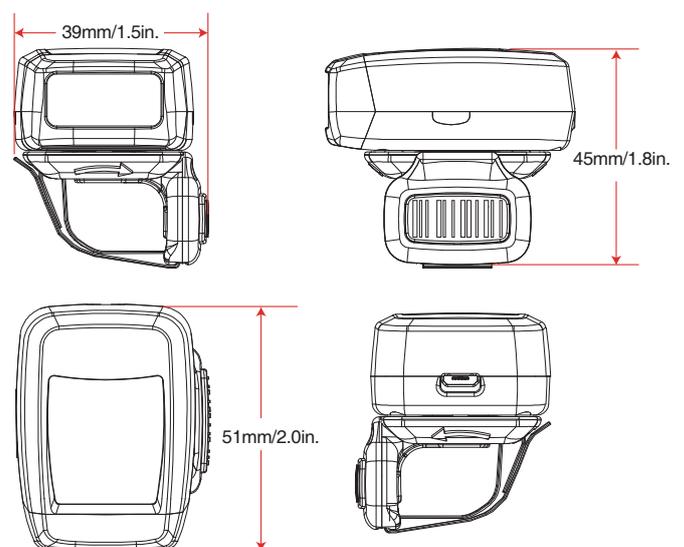
DECODE RANGES

| Symbology | Range |
|--------------------|---------------------------------|
| 5 mil Code 39 | 51mm (2.0 in) - 162mm (6.4 in) |
| 5 mil Code 128 | 63mm (2.5 in) - 127mm (5.0 in) |
| 6.6 mil PDF417 | 63mm (2.5 in) - 160mm (6.3 in) |
| 10 mil PDF417 | 45mm (1.8 in) - 228mm (9.0 in) |
| 13 mil UPCA | 50mm (2.0 in) - 495mm (19.5 in) |
| 20 mil Code 39 | 50mm (2.0 in) - 495mm (19.5 in) |
| 20 mil Data Matrix | 38mm (1.5 in) - 279mm (11.0 in) |

SOFTWARE SUPPORT

Generalscan Keyboard Pro, Generalscan SDK Demo,
Generalscan OTA Tools, Generalscan iCode, Generalscan ScanBuddy

THREE-VIEW DRAWING



Generalscan Inc.

Add:200 Buckelew Ave, Jamesburg, NJ

Postcode: 08831

Tel: +1 1469583-7367