

1D Wearable Ring Laser Bluetooth Scanner

GS R1000BT Pro wearable 1D laser ring barcode scanner is long distance scanner allowing you for movement scanning ,picking and sorting application .

It use adaptive sanning technology and provide feedback function for how far away a barcode is when scanning and automactically optimize scanning parameters to improve decode performance .With this technology , it can read barcode more than a meter .

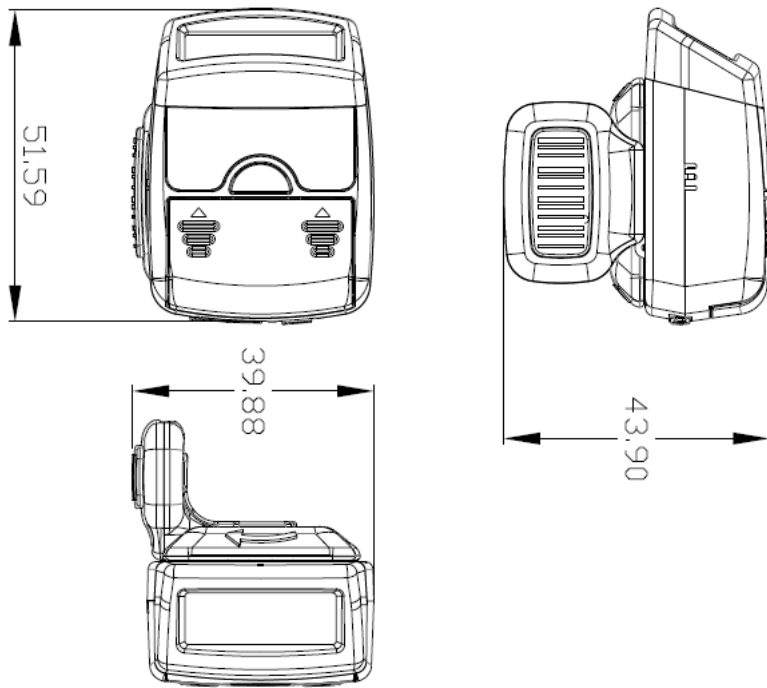
You can wear it on your finger to free your hand to handle materials, goods and packages while scanning It can improve 25% overall productivity.

With Bluetooth 3.0 technology, you can pair it with iOS and Android device easily. You can even connect high-gain Bluetooth dongle for long distance barcode scanning.

It is an ideal solution for retail, warehouse, asset tracking, express logistics and many more picking and sorting applications.

Feature

- ◇ Frees operator's hands to move packages, products or materials,helping to improve efficiency and productivity
- ◇ Build-in memory and large off-line storage up to 10000 barcodes
- ◇ Strong decode capability even the poorly printed barcode.
- ◇ Strong compatibility with iOS and Android ,WindowsPhone,X86 Windows tablet
- ◇ Swifvel feature to enables easy switching from right to left hand use
- ◇ Work with GS D100BT,it can increase the wireless transmit distance for 50 meters



Dimensions : L51.59mm×W39.88mm×H43.9mm
Weight : 50g

Input Voltage:DC5 V±0.15 V

Scan Current : 75 mA

Low Power Current :8uA

Battery: 320mAh

Sensor Type: Laser Diode

Illumination: Laser 650nm

Scan Speed: Up to 100 per second

Scan Angle: Skew±50° , Pitch±65° , Roll±35°

Optical Resolution : 5mil

Minimun Print Contrast : 20% MRD measured at 630nm

Ambient Light : 0 ft candles (0 Lux)to 10,000 ft candles(110,000Lux)

Operating Temp: -10° to 60° C

Storage Temp: -30° to 70° C

Humidity: 5%-90% non-condensing

Shock :1500G

Mechanical Vibration : IEC 60068-2-6

Mechanical Shock: IEC 60068-2-27

Laser Safety:EN60825-1 , Class 1

ESD Protection: EN 55024 (IEC 61000-4-2 ,

Contact Discharge : ±4KV , Air Discharge

: ±8KV) , IEC 61000-4-4 ,

IEC 61000-4-5 , IEC 61000-4-6 , IEC 61000-4-11

RF Immunity: IEC 61000-4-3 , 10V/m

Power Emission: EN 55022 , class B ; EN61000-3-2 ; IEC 61000-3-3

Decode Range:

Symbol Density/ Bar Code Type/ W-N Ratio	Bar Code Content/ Contrast (Note 1)	Typical Working Ranges		Guaranteed Working Ranges	
		Near	Far	Near	Far
5.0 mil Code 128	1234 80% MRD	1.2 in 3.05 cm	7.7 in 19.56 cm	2.7 in 6.86 cm	3.1 in 7.87 cm
5.0 mil Code 39; 2.5:1	ABCDEFGH 80% MRD	1.2 in 3.05 cm	12.5 in 31.75 cm	2.7 in 6.86 cm	8.6 in 21.84 cm
7.5 mil Code 39; 2.5:1	ABCDEF 80% MRD	1.1 in 2.79 cm	18.5 in 46.99 cm	2.6 in 6.60 cm	16.8 in 42.67 cm
10 mil Code 128	1234 80% MRD	1.2 in 3.05 cm Note 3	19.0 in 48.26 cm	Note 3	15.9 in 40.39 cm
13 mil 100% UPC	12345678905 80% MRD	1.6 in 4.06 cm	27.0 in 68.58 cm	2.3 in 5.84 cm	23.75 in 60.33 cm
15 mil Code 128	1234 80% MRD Note 3	1.0 in 2.54 cm Note 3	29.5 in 74.93 cm	Note 3	25.0 in 63.50 cm
20 mil Code 39; 2.2:1	123 80% MRD Note 3	1.4 in 3.56 cm Note 3	52.0 in 132.08 cm	Note 3	43.0 in 109.22 cm
55 mil Code 39; 2.2:1	CD 80% MRD Note 3	3.4 in 8.64 cm Note 3	100.0 in 254.00 cm	Note 3	76.5 in 194.31 cm
100 mil Code 39; 3.0:1 reflective	123456 80% MRD Note 3	2 ft 60.96cm Note 3	17 ft 518.16 cm	Note 3	15 ft 457.20 cm

Notes:

1. Contrast measured as Mean Reflective Difference (MRD) at 650 nm.
2. Working range specifications at ambient temperature (23°C), photographic quality symbols. Pitch=10°, roll=0°, skew=0°, ambient light < 150 ft-candles using Symbol or equivalent decoder.
3. Dependent on width of bar code.
4. Distances measured from front edge of chassis.

Symbologies :

1D: Codabar, Code 11, Code 32, Code 39, Code 93, Code 128, IATA 2 of 5, Interleaved 2 of 5, GS1 DataBar (RSS), Hong Kong 2 of 5, Matrix 2 of 5, MSI Plessey, NEC 2 of 5, Pharmacode, Plessey, Straight 2 of 5, Telepen, Trioptic, UPC/EAN/JAN

Accessory : USB Cable

Interface: USB 2.0,Bluetooth 3.0

Warranty : Scanner 1 year ,

Battery :6 month

Certification: CE , ROHS

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