1D Wearable Ring Laser Bluetooth Scanner

GS R1000BT series wearable 1D laser Ring barcode scanner allows you for mobile scanning, picking and sorting application. Its high scanning performance provides users with excellent customer experience.

With distance feedback function and adaptive scanning technology, R1000BT-Pro could automatically optimize scanning parameters to improve decode performance. R1000BT-HP decodes the barcodes of high density more accurately. And with vibration function, user get trigger feedback in noisy environment to recognize whether barcodes was collected successfully.

It's equipped with Bluetooth 4.0 technology and is compatible with iOS, Android and Windows devices easily. You can even connect it with Bluetooth dongle D100 to lengthen the wireless transmission distance, on which condition you can choose Master and Slave mode.
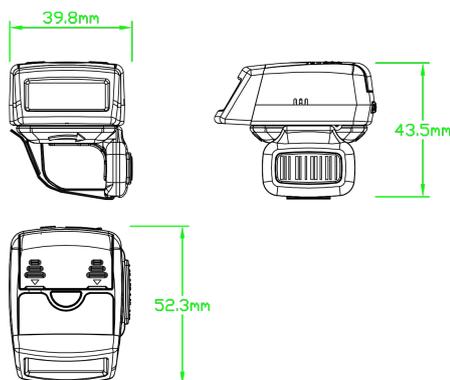
You can wear it on your finger to free your hands to handle materials, goods and packages while scanning. It improves 25% overall productivity in warehouse management, retail, logistics or healthcare applications.

Feature

◇ Frees operator's hands to move packages, products or materials, helping to improve efficiency and productivity

◇ Strong decode capability even the poorly printed barcode.

◇ Swifvel feature to enables easy switching from right to left hand use

◇ Build-in memory and large off-line storage up to 10000 barcodes

◇ Strong compatibility with iOS and Android, WindowsPhone, X86 Windows tablet

◇ Work with GS D100BT,it can increase the wireless transmit distance for 50 meters

Specification

Model NO	R1000BT	R1000BT-HP	R1000BT-Pro
Dimensions:	L52.3mm×W39.8mm×H43.5mm		
Weight:	50g		
Input Voltage:	DC5 V±0.15 V		
Battery:	280mAh		
Scan Current:	100mA	111mA	103mA
Low Power Current:	<3mA		
Shock:	1500G	2000G	2000G
Sensor Type:	Laser diode		
Illumination:	Laser 650 nm		
Scan Angle:	Skew±50°, Pitch±65°, Roll±35°	Skew±50°, Pitch±65°, Roll±35°	Skew±40°, Pitch±65°, Roll±35°
Scan Speed:	100±10 scan/second	104±12 scan/second	104±12 scan/second
Optical Resolution:	4mil	4mil	5mil
Field of View:	Horizontal: 53° ±3°, Vertical: 0.4°	Horizontal: 47° ±3°, Vertical: 0.4°	Horizontal: 47° ±3°, Vertical: 0.4°
Ambient Light:	100,000Lux	86,111Lux	107,640Lux
Operating Temp:	-10° to 60° C	-20° to 60° C	-30° to 60° C
Storage Temp:	-40° to 70° C		
Humidity:	5% to 90% non-condensing	5% to 95% non-condensing	5% to 95% non-condensing
Minimun Print Contrast:	20% MRD measured at 650nm	25% MRD measured at 650nm	25% MRD measured at 650nm
Interface:	USB 2.0, Bluetooth 4.0		
Warranty:	Scanner:1 year, Battery: 6months		
Symbologies:	1D:Codabar, Code 11, Code 32, Code 128, Code 39, IATA 2 of 5, Interleaved 2 of 5, GS1 DataBar (RSS), Hong Kong 2 of 5, Matrix 2 of 5, MSI Plessey, Pharmacode, NEC 2 of 5, Plessey, Straight 2 of 5, Telepen, Trioptic, UPC/EAN/JAN		
Ceritfication:	CE, RoHS, FCC		
Accessory:	USB Cable		

Depth of Field

Bar Code Type Specification	Bar Code Content	Near	Far	Near	Far	Near	Far
4.0 mil Code 39; 2:5:1	ABCDEFGH 80% MRD	42 mm 1.7 in	75 mm 3.0 in				
5.0 mil Code 128; 2:5:1	ABCDEFGH 80% MRD	40 mm 1.6 in	105 mm 4.2 in	31.8 mm 1.25 in	203.2 mm 8.0 in	68.6 mm 2.7 in	218.4 mm 8.6 in
7.5 mil Code 39; 2:5:1	ABCDEF 80% MRD	20 mm 0.8 in	220 mm 8.8 in	38.1 mm 1.50 in	330.2 mm 13.0 in	66.0 mm 2.6 in	426.7 mm 16.6 in
10 mil Code 128; 2:5:1	1234 80% MRD	10 mm 0.4 in	250 mm 10.0 in	38.1 mm 1.50 in	457.2 mm 18.0 in	Note 3	403.9 mm 15.9 in
13 mil 100% CPU	12345678905 80% MRD	0 mm 0 in	310 mm 12.4 in	38.1 mm 1.50 in	609.6 mm 24.0 in	58.4 mm 2.3 in	603.3 mm 23.75 in
15 mil Code 128; 2:5:1	ABCD 80% MRD	23 mm 0.9 in	380 mm 15.2 in	38.1 mm 1.50 in	711.2 mm 28.0 in	Note 3	635.0 mm 25.0 in
20 mil Code 39; 2:2:1	123 80% MRD	35 mm 1.4 in	490 mm 19.6 in	44.5 mm 1.75 in	838.2 mm 33.0 in	Note 3	1092.2 mm 43.0 in
40 mil Code 39; 2:2:1	AB 80% MRD	50 mm 2.0 in	820 mm 32.8 in	Note 3	914.4 mm 36.0 in		
55 mil Code 39; 2:2:1	CD 80% MRD	75 mm 3.0 in	990 mm 39.6 in	Note 3	1143.0 mm 45.0 in	Note 3	1943.1 mm 76.5 in
100 mil Code 39; 3:0:1	123456 80% MRD					Note 3	4572.0 mm 15 ft

Notes:

1. Contrast measured as Mean Reflective Difference (MRD) at 650 nm.
2. Working range specifications at ambient temperature (23℃), 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.

GENERALSCAN

Generalscan Electronics Co.; Ltd

Add: Room A608, 6 Floor, Building 3, Yadi Science Park, Hetai Road, Baiyun District, Guangzhou, China.510425
Tel: +86-20-28630420
Fax: +86-20-62351535
Email: sales@generalscan.com
Web: www.generalscan.com