

2D Wearable Imager Ring Barcode Scanner



GS R5000BT wearable 2D Imager Ring barcode scanner allows you for mobile scanning, picking and sorting application. Its high scanning performance provides users with excellent customer experience.

With vibration function, users get trigger feedback in noisy environment to recognize whether barcodes was collected successfully. R5000BT supports off line data collection of 10000 barcodes. Wireless charging function brings more convenience while charging Ring scanner.

It's equipped with Bluetooth 4.0 BLE technology and is compatible with iOS, Android and Windows devices easily. R5000BT supports Master and Slave mode to work better with Bluetooth GS D100BT while you want to record barcodes on computer.

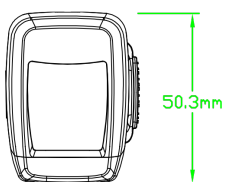
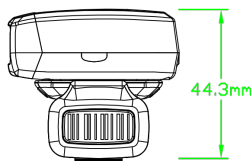
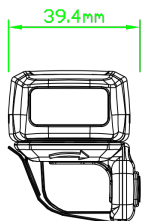
You can wear it on your finger to free your hands to handle materials, goods and packages while scanning. It improves 25% overall productivity in warehouse management, retail, logistics or healthcare applications.

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 10 meters

Specification

Model NO	R5000BT-51C	R5000BT-5SA	R5000BT-5MR				
Dimensions:	L50.3mm×W39.4mm×H44.3mm						
Weight:	48g						
Input Voltage:	DC5 V±0.15 V						
Battery:	500mAh						
Scan Current:	295mA	435mA	435mA				
Low Power Current:	<3mA						
Shock:	2500G	2500G	2500G				
Sensor Type:	2D-Cmos Imager						
Sensor Resolution	1280×800 pixels	1280×960 pixels	1280×960 pixels				
Scan Angle:	Skew±60°, Pitch±60°, Roll±360°						
Scan Speed:	30 scan/second	60 scan/second	60 scan/second				
Optical Resolution:	4mil	3mil	3mil				
Field of View:	Horizontal: 42°, Vertical: 28°	Horizontal: 48°, Vertical: 36.7°	Horizontal: 31°, Vertical: 23°				
Ambient Light:	107,639Lux	96900Lux	96900Lux				
Operating Temp:	-20° to 50° C	-30° to 60° C	-30° to 60° C				
Storage Temp:	-30° to 70° C	-40° to 70° C	-40° to 70° C				
Humidity:	95% non-condensing						
Focal Distance:	From front of engine: 7.64 in.	From front of engine: 7.38 in.	From front of engine: 14.2 in.				
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 2D: Aztec Code, Data Matrix, Han Xin, MaxiCode, Micro QR, QR Code						
Certification:	CE, RoHS, FCC						
Accessory:	Micro USB Cable, yellow hook&loop strap, user guide, CD, wireless charging pad						
Depth of Field							
Bar Code Type Specification	Bar Code Content	Near	Far	Near	Far	Near	Far
4.0 mil Code 39	ABCDEFGH 80% MRD	84 mm 3.3 in	224 mm 8.8 in				
5.0 mil Code 128	ABCDEFGH 80% MRD	71 mm 2.8 in	208 mm 8.2 in	58 mm 2.3 in	221 mm 8.7 in	188 mm 7.4 in	406 mm 16.0 in
5.0 mil PDF417		79 mm 3.1 in	213 mm 8.4 in	76 mm 3.0 in	206 mm 8.1 in	206 mm 8.1 in	333 mm 13.1 in
10 mil Code 128	1234 80% MRD	74 mm 2.9 in	257mm 10.1 in	61 mm 2.4 in	269 mm 10.6 in	178 mm 7.0 in	432 mm 17.0 in
13 mil 100% CPU	12345678905 80% MRD	46 mm 1.8 in	660 mm 26.0 in	41 mm 1.6 in	584 mm 23.0 in	58 mm 2.3 in	965 mm 38.0 in
15 mil Code 128	1234 80% MRD			61 mm 2.4 in	640 mm 25.2 in	102 mm 4.0 in	1017 mm 40.0 in
20 mil Code 39	123 80% MRD	50.8 mm 2.0 in	762 mm 30.0 in			53 mm 2.1 in	1372 mm 54.0 in
100 mil Code 39	123456 80% MRD					279 mm 11.0 in	4369 mm 172.0 in
160 mil DataMatrix						292 mm 11.5 in	3505 mm 138.0 in
Notes:	<ol style="list-style-type: none"> 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. 						



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