

1D Laser Bluetooth Companion Scanner

GS M100BT Pro is long distance version of mini size, portable laser barcode scanner, 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 .

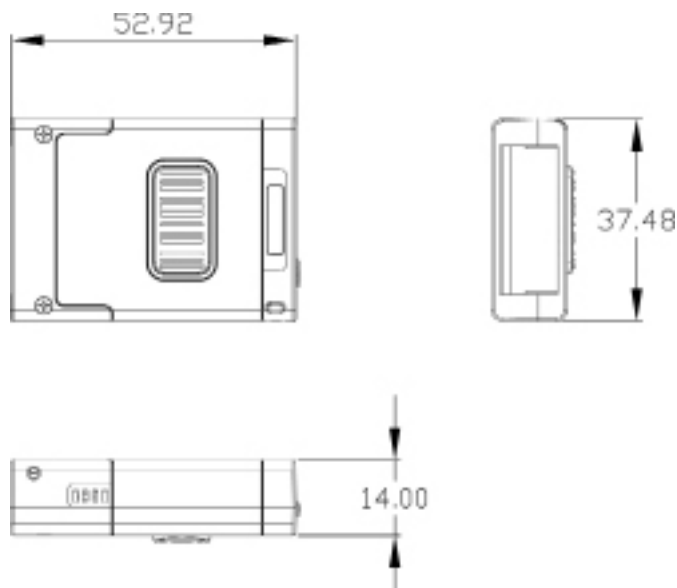
It can scan barcode into your smartphone via bluetooth such like iPhone ,iPad and all kinds of Android device.

Build-in high volume rechargeable battery ,let you work for a whole shift.

It is an ideal solution for retail,warehouse,asset traceability ,express logistcs applications.

Feature

- ◇ Fast read near and close barcode even poor print. 1 meter DOF readability for 20mil bar code, 70 cm DOF readability for all UPC barcode
- ◇ Support pairing in both Bluetooth HID and SPP mode, support hide and display keyboard with iOS system
- ◇ Long battery life, continue work for 12 hours with 10 second interval trigger
- ◇ Bulid-in memory and large off-line save mode ,can save 10000 pcs barcode in the scanner



Dimension : L52.92mm×W37.48mm×H14mm

Weight : 50g

Input Voltage: DC5 V±0.15 V

Scan Current: 60 maH(working)/110 maH(Max)

Standby Current: < 3ma

Lighting Sensor: Laser Diode , 650 nm

Scan Speed: 100±10 times/s

Scan Angle: ±50° , ±65° , ±35°
(Skew,Pitch,Rotation)

Working Temp : -10° C-60° C (-4° F -140° F)

Humidity: 5%-90% (None Condensing)

Print Contrast : >25%

Mechanical Vibration : IEC 60068-2-6

Mechanical Shock: IEC 60068-2-27 ,

Laser Safty: 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

Artificial Light Immunity: 100,000 lux

Communication: USB2.0,Bluetooth 3.0

Battery Volume : 500mAh

Standby : 3day

Working Time : 12 hours with 10second trigger interval

Depth of Field

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	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	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	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	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 :

UPC-A, UPC-E, EAN-13, EAN-8, ISBN/ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar (NW7), Code 128, Code 93, Code 11(USD-8), MSI/Plessey, UK/Plessey, UCC/EAN 128, China Post, GS1 DataBar (formerly RSS) variants

Optional Accessory :

USB Cable : use for communication and power charge

Handhold adpater , GS D100BT USB Bluetooth Dongle , strap

Warranty : Scanner 1 year , Battery :0.5 year

Certification: CE , ROHS , WEEE Complicant

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