Bluetooth Smart Wearable Data Terminal

GS WT1000 smart wearable data terminal is specially designed for picking and sorting application. It integrates with wearable armband, ring barcode scanner, smartphone battery charger, data communication function into one device. Your workers will experience the advanced mobile computing and scanning technology with Generalscan smart wearable Android data terminal.

With vibration function, users get trigger feedback in noisy environment to recognize whether barcodes was collected successfully. R1000BT-Pro version lengthens the wireless transmission distance to widen scanning scope. R1000BT-HP decodes the barcodes of high density more accurately.

Freely breathing armband, rotation platform, and ergonomic hands-free wearable designs make you feel better even in hot temperature environment and make you easily operate your Apps. You will never be bind with out-of-date wince PDA. Chargeable 3100 mAH battery of GS WT1000BT smart wearable data terminal can provide enough power to ring barcode scanner and Android smartphone for a whole day working.

It is an ideal solution for warehouse, retail, asset traceability, express logistics applications. We also provide free iCloudscan App for you to synchronize and share your barcode data freely.

Specification

Model NO	WT1000		WT1000-HP		WT1000-Pro	
Dimensions:	L127.98mm×W79.14mm×H44.77mm					
Weight:	170g					
Input Voltage:	DC5 V±0.15 V					
Battery:	3100mAh					
Scan Current:	100mA		111mA		103mA	
Low Power Current:	<3mA					
Shock:	1500G		2000G			
Sensor Type:	Laser diode					
Illumination:	Laser 650 nm					
Scan Angle:	Skew±50° , Pitch±65° , Roll±35°				Skew±40° , Pitch±65° , Roll±35°	
Optical Resolution:	4mil				5mil	
Scan Speed:	100±10 scan/second		104±12 scan/second			
Scan Angle:	53° ±3°		47° ±3°			
Field of View:	Horizontal: 53° ±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			
Minimun Print Contrast:	20% MRD measured at 630nm		25% MRD measured at 650nm			
Interface:	USB 2.0, Bluetooth 4.0					
Warranty:	Scanner:1 year, Battery: 6months					
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					
Certification:	CE, RoHS					
Accessory:	USB Cable, Handhold adpater, GS D100BT USB Bluetooth Dongle, strap					

Depth of Field

Symbologies	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.

110.00mm
65.00mm
44.77mm
79.14mm
127.98mm
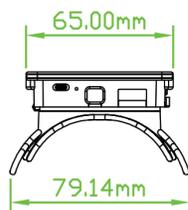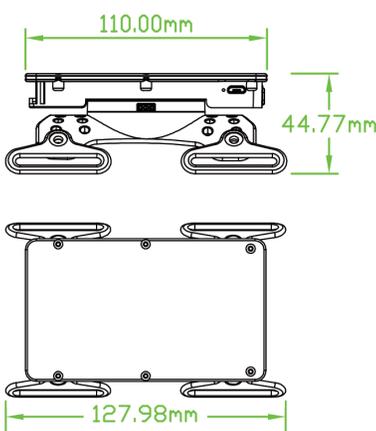
GENERALSCAN

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