

GS R1522 Ring Scanner

A compact, reliable, wearable scanner which supports reading poorly-printed and on-screen barcodes and can undertake highly intensive scanning workload.

Integrate dual-mode Bluetooth 4.0 technology with IOS, Android and Windows, which not only significantly increases productivity, reduces error rates, but also provides a perfect solution for warehouse, distribution center, manufacturing, etc.

It also features vibration alerts, AI identifier recognition, real-time transmission and batch data offline upload.



APPLICATION SCENARIOS



Direct Store Delivery



Ticket Service



Healthcare



Warehouse



Retail



Manufacturing



Parcel Express

ACCESSORIES



Bluetooth Dongle
GS100BT-Plus



Dual-Slot
Battery Charger

FEATURES

- Engine option, Honeywell N4680
- Rugged internal structure owe to protecting PCBA with aluminum alloy frame
- Robust external structure with enhanced hardness of body and imager window
- Versatile wearable options-wear on finger, with glove or lanyard as you like
- Two replaceable battery capacities, one is 400mAh and the other is 600mAh, to greatly improve work efficiency
- Updated removable trigger
- New function, NFC, tag to pair

PRODUCT SPEC SHEET

GS R1522 Ring Scanner

PHYSICAL CHARACTERISTICS

Dimensions	With standard battery :
	66.4mm(L)×34.7mm(W)×25.3mm(D)
	2.61in.(L)×1.37in.(W)×1.0in.(D).
	With extended battery :
	66.4mm(L)×34.7mm(W)×26.9mm(D)
Weight	2.6in.(L)×1.4in.(W)×1.06in.(D)
	With standard battery :43g /1.52oz
	With extended battery:45g /1.59oz
Battery Capacity	Standard battery: 400mAh
	Extended battery: 600mAh
Charging	5V --- 1A
Charging Time	400mAh, 80min
	600mAh, 100min
Battery Life	400mAh, 7.8h (to be triggered every 5 seconds)
	600mAh, 10.9h (to be triggered every 5 seconds)
Notification	LED, Buzzer, Vibration

BLUETOOTH

Bluetooth Profiles	HID Keyboard, SPP and Bluetooth low energy (BLE)
Bluetooth Range	Communication distance connected to mobile phone > 164.04ft./50m (without obstructions)
Bluetooth OTA	Bluetooth SPP OTA

USB

USB Interface	USB Type-C
USB Profiles	USB HID Keyboard, USB VCP (Virtual Serial Port)
Multilingual keyboards	USB HID mode supports multilingual keyboards

USER ENVIRONMENT

Ambient Light	100,000 lux
Operating Temperature	14°F ~ 122°F / -10°C~50°C
Storage Temperature	14°F ~ 122°F / -10°C~50°C
Humidity	5% to 85% non-condensing
Drop Spec.	Multiple 4.9 ft./1.5 m drops to concrete over the operating temperature range with protective case.
Certification	CE, FCC, KC, TELEC, RoHS, ANATEL, NOM, EAC

PERFORMANCE CHARACTERISTICS

Optical Resolution	640 x 480 pixels
Sensor	Rolling shutter
Skew, Pitch & Roll	Skew tolerance: ±50°
	Pitch tolerance: ±50°
	Roll tolerance: 360°
Field of view	±20°horizontal, ±15° vertical
Illumination Element	Warm White LED with CCT 3000K
Aiming Element	630nm RED LED
Supported Symbolologies	1D: Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, UPC-A, UPC E, UPC-A/EAN-13 with Extended Coupon Code, Coupon GS1 Code 32(PARAF),EAN-UCC Emulation, GS1 Data Bar POSTAL: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korean Post 2D: Codablock A, Codablock F, PDF417, MicroPDF417, Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible (Han Xin), Grid Matrix, Dot Code
Interface	USB, Bluetooth
Offline Mode	Support storage 5000 EAN-13 barcodes

DECODE RANGES

13mil 100% UPC	4.6cm~39.0cm/1.81in.~15.35in.
5mil Code39	4.5cm~18.0cm/1.77in.~7.09in.
10mil Code39	3.6cm~36.0cm/1.41in.~14.17in.
20mil Code39	7.1cm~74.7cm/2.79in.~29.41in.
7mil PDF417	5.5cm~16.3cm/2.17in.~6.42in.
10mil PDF417	4.2cm~24.7cm/1.65in.~9.72in.
20mil PDF417	8.1cm~49cm/3.19in.~19.29in.
7mil QR	7cm~12.5cm/2.76in.~4.92in.
10 mil QR	4.0cm~18.2cm/1.57in.~7.17in.
20 mil QR	3.6cm~36.7cm/1.42in.~14.45in.
5mil Code128	5.6cm~15.8cm/2.2in.~6.22in.
10mil Code128	3.3cm~32.1cm/1.3in.~12.64in.
20mil Code128	5.3cm~59.8cm/2.09in.~23.54in.

SOFTWARE SUPPORT

Generalscan Keyboard Pro
Generalscan SDK Demo
Generalscan OTA Tools
Generalscan iCode
G-Service

GENERALSCAN

Generalscan Electronics GmbH
Heinrich-Koulen-Weg 3,52525 Heinsberg, Germany
+49 15167161256 +49 24529892299

Generalscan Inc.
200 Buckelew Ave, Jamesburg, NJ, 08831, USA
+1 1469583-7367