

GS R5522 Ring Scanner

The most compact, most rugged design with enterprise-class durability.

GS R5522 with Zebra engine SE4750MR provides unparalleled performance on any data imaginable-from 1D and 2D barcodes to photos and fully searchable and editable legal, letter, A4 and A5 documents. The working range is expanded to further than 20feet/6m.

You get up to more than two times the battery power of previous designs, along with improved rugged internal and external structure.

It also features with NFC (Near Field Communication), vibration alerts, AI identifier recognition, real-time transmission and batch data offline upload.

We 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.



APPLICATION SCENARIOS



Direct Store Delivery



Ticket Service



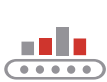
Healthcare



Warehouse



Retail



Manufacturing



Parcel Express

ACCESSORIES



Bluetooth Dongle
GS100BT-Plus



Dual-Slot
Battery Charger

FEATURES

- Engine option, Zebra SE4750MR.
- 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.
- Replaceable 600mAh battery greatly improves working efficiency.
- Updated removable trigger enables workers to share one scanner without germs.
- New function, NFC, tag to pair, saves at least half of the connection time, no need to manually pair one with the other.

PRODUCT SPEC SHEET

GS R5522 Ring Scanner

PHYSICAL CHARACTERISTICS

Dimensions	70.0mm(L)×36.4mm(W)×28.4mm(D) 2.76in.(L)×1.43in.(W)×1.12in.(D)
Weight	61g /2.15oz
Battery Capacity	600mAh
Charging	5V --- 1A
Charging Time	100min
Battery Life	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	Max 107,639 lux (direct sunlight)
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	1280 x 960 pixels,global shutter
Sensor	2D CMOS Image
Skew, Pitch & Roll	Skew tolerance: ±60° Pitch tolerance: ±60° Roll tolerance: 360°
Field of view	31° horizontal , 23° vertical
Illumination	White LED
Aiming LED	Red LED
Supported Symbolologies	Code39, Code128, Codabar, Code11, UPC/EAN, 2of5, Databar, Code39, MSI, UK Plessy, Telepen, Composite, TLC-39 Postal Codes, PDF, Micro PDF, Composite, TLC-39, Aztec, Data Matrix, QR, Maxicode, Han Xin, Grid Matrix, OCR
Interface	USB, Bluetooth
Offline Mode	Support storage 5000 EAN-13 barcodes

DECODE RANGES

5 mil Code 128	188 to 406 mm (7.4 to 16 in)
5 mil PDF417	206 to 333 mm (8.1 to 13.1 in)
7.5 mil DataMatrix	211 to 325 mm (8.3 to 12.8 in)
10 mil DataMatrix	178 to 432 mm (7 to 17 in)
13mil UPCA	58 to 965 mm (2.3 to 38 in)
15 mil Code 128	102 to 1016 mm (4 to 40 in)
20 mil Code 39	53 to 1372 mm (2.1 to 54in)
100 mil Code 39	279 to 4369 mm (11 to 172 in)
160 mil DataMatrix	292 to 3505 mm (11.5 to 138 in)
20mil QR Code	71 to 676 mm (2.8 to 26.6 in)

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