

GS R5520 Ring Scanner

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

GS R5520 with Zebra engine SE4710 brings FASTER-THAN-EVER barcode capture, which captures virtually any 1D or 2D barcode in milliseconds from near contact to farther than 24 in./60 cm away. It has a wide field of view that allows easy close-up reading of large barcodes as well as multiple barcodes.

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 SE4710.
- 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 R5520 Ring Scanner

PHYSICAL CHARACTERISTICS

Dimensions	70.0mm(L)×36.4mm(W)×28.4mm(D) 2.76in.(L)×1.43in.(W)×1.12in.(D)
Weight	57g /2.01oz
Battery Capacity	600mAh
Charging	5V --- 1A
Charging Time	100min
Battery Life	9.5h (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 800 pixels, rolling shutter
Sensor	2D CMOS Image
Skew, Pitch & Roll	Skew tolerance: ±60° Pitch tolerance: ±60° Roll tolerance: 360°
Field of view	42° horizontal , 28° vertical
Illumination	Red LED
Aiming LED	610nm LED
Supported Symbolologies	Code39, Code128, Codabar, Code11, UPC/EAN, 2of5, Databar, Code39, MSI, UK Plessey, 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

4 mil Code 39	84 to 224 mm (3.3 to 8.8 in)
5 mil Code 128	71 to 208 mm (2.8 to 8.2 in)
5 mil Code 39	50.8 to 343 mm (20 to 13.5 in)
5 mil PDF417	79 to 213 mm (3.1 to 8.4 in)
10 mil DataMatrix	74 to 257 mm (2.9 to 10.1 in)
100% UPCA	46 to 660 mm (1.8 to 26 in)
20 mil Code 39	50.8 to 762 mm (20 to 30 in)

SOFTWARE SUPPORT

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

GENERALSCAN

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