

GS R5521 Ring Scanner

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

GS R5521 with Zebra engine SE4770 allows workers to quickly capture barcodes whether the scanner or the barcode is in motion. It has extraordinary working range, which can capture barcodes farther than 24.in/60cm away. It also can capture photos for proof of delivery and damage claims, as well as documents.

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 SE4770.
- 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 R5521 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 | 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 > 65.6ft./20m (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 | 48° horizontal , 30° vertical |
| Illumination | White LED |
| Aiming LED | RED LED |
| Supported Symbologies | 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

| | |
|-------------------|-------------------------------|
| 3 mil Code 39 | 76 to 147 mm (3 to 5.8 in) |
| 5 mil Code 128 | 58 to 249 mm (2.3 to 9.8 in) |
| 5 mil PDF417 | 76 to 201 mm (3 to 8 in) |
| 6.67 mil PDF 417 | 63 to 257 mm (2.5 to 10.1 in) |
| 10 mil DataMatrix | 53 to 278 mm (2.1 to 10.9 in) |
| 100% UPCA | 41 to 632 mm (1.6 to 24.9 in) |
| 15 mil Code 128 | 61 to 706 mm (2.4 to 27.8 in) |
| 20 mil Code 39 | 41 to 917 mm (1.6 to 36.1 in) |
| 20 mil QR 码 | 28 to 445 mm (1.1 to 17.5 in) |

SOFTWARE SUPPORT

Generalscan Keyboard Pro

Generalscan SDK Demo

Generalscan OTA Tools

Generalscan iCode

G-Service

GENERALS CAN

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