

GS R3521 Ring Scanner

GS R3521 is a trustworthy 2D wearable scanner with proven scanning performance due to high quality optical components, which perfectly balance scanning functionally, cost and overall size.

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, Zebra SE4107
- 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 R3521 Ring Scanner

PHYSICAL CHARACTERISTICS

Dimensions	With standard battery: 64.9mm(L)×37.5mm(W)×48.9mm(D) 2.56in.(L)×1.48in.(W)×1.93in.(D). With extended battery: 64.9mm(L)×37.5mm(W)×50.2mm(D) 2.56in.(L)×1.48in.(W)×1.98in.(D).
Weight	With standard battery: 57.19g /2.02oz With extended battery: 59.68g /2.11oz
Battery Capacity	Standard battery: 400mAh Extended battery: 600mAh
Charging	5V  1A
Charging Time	400mAh, 80min 600mAh, 100min
Battery Life	400mAh, 7.5h (to be triggered every 5 seconds) 600mAh, 10.6h (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, rolling shutter
Sensor	2D CMOS Image
Skew, Pitch & Roll	Skew tolerance: ±60° Pitch tolerance: ±60° Roll tolerance: 360°
Field of view	44.5° horizontal, 33.5° vertical
Illumination Element	1 warm white LED
Aiming Element	Green LED
Supported Symbolologies	1D:Code39, Code128, Codabar, Code11, UPC/EAN , 2of5, Databar, Code39, MSI, UK Plessey, Telepen, Composite, TLC-39 2D: 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

5mil Code39	6.1cm~24.1cm/2.4in.~9.5in.
5mil Code128	7.1cm~22.9cm/2.8in.~9.0in.
6.67mil PDF417	6.1cm~20.3cm/2.4in.~8.0in.
10mil DataMatrix	7.4cm~21.6cm/2.9in.~8.5in.
100% UPCA	4.6cm~49.5cm/1.8in.~19.5in.
15mil QR Code	3.0cm~29.2cm/1.2in.~11.5in.
20mil QR Code	3.0cm~35.6cm/1.2in.~14.0in.

SOFTWARE SUPPORT

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

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