

## GS R3520 Wearable Bluetooth Scanner

GS R3520, a 2D wearable scanner provides a great user experience with enterprise-class durability, which enables high performance scanning on printed and mobile barcodes with intuitive illumination field and LED aimer. It features dual-mode Bluetooth 4.0 technology and support three Bluetooth modes, which significantly increases productivity and reduces error rates. It also features NFC, vibration alerts, AI identifier recognition, real-time transmission and batch data offline upload. It is quite suitable for a variety of applications, from warehouse to front-of-store.

### Versatile wearable options-wear with Ring trigger, Ruglove or Thumbbutton as you like

All wearing accessories are interchangeable, Ring trigger, Thumbbutton and Ruglove. Allow workers to adjust the position of scanner on the hand to achieve the best comfort, better flexibility and higher productivity. Give each scanning operation a comfort and secure custom fit. With Ring trigger and Ruglove, workers can choose and decide to use left or right hand to work and swap scanning hands on the fly. With Thumbbutton, workers can wear scanners around the neck or on a belt to keep the scanner at hand. This is ideal for occasional scanning. Worker can share the same scanner body with their own wearable accessories without germs.

### Scan engine, Zebra SE2707

High-quality scanning for printed and mobile barcodes  
It can capture virtually any barcode printed on paper labels or displayed on mobile phones.

Bright, rectangular illumination field and LED aiming spot  
Users instantly know if they are aiming at the right spot for exceptional ease of use.

### Rugged internal structure owes to protecting PCBA with aluminum alloy frame

With this delicate design, the PCBA is protected from drops and bumps due to the metal protective frame, which ensures reliable operation.

### Robust external structure with enhanced hardness of body and imager window

The hardness of shell and imager window has been greatly improved, which contributes to the enterprise-class ruggedness and durability.

### Replaceable 600mAh battery greatly improves working efficiency

It provides a longer battery lifecycle and ensures uninterrupted full-shift operation. It is designed to support back-to-back shifts without recharging and avoid trips to the service depot to replace dead batteries. It helps to increase the productivity during receiving, inventorying, picking, sorting, packing, etc.

### NFC pairing saves at least half of the connection time

Using the NFC makes the Bluetooth connection more convenient and faster. User can simply tap the scanner with any NFC-enabled devices. No need to open the Bluetooth settings to identify and select the device.



GS R3520 Ring



GS R3520 Thumbbutton



GS R3520 Ruglove

## APPLICATION SCENARIOS



Direct Store Delivery



Ticket Service



Healthcare



Warehouse



Retail



Manufacturing



Parcel Express

## ACCESSORIES



Bluetooth Dongle  
GS100BT-Plus



Dual-Slot  
Battery Charger




Battery

# PRODUCT SPEC SHEET

## GS R3520 Wearable Bluetooth Scanner

### PHYSICAL CHARACTERISTICS

Dimensions	With standard battery :
	64.8mm(L)×34.5mm(W)×24.7mm(D)
	2.55in.(L)×1.36in.(W)×0.97in.(D).
	With extended battery :
	64.8mm(L)×34.5mm(W)×26.1mm(D)
	2.55in.(L)×1.36in.(W)×1.03in.(D)
	Weight
	With standard battery :43g /1.52oz
Battery Capacity	With extended battery :46g /1.62oz
	Standard battery: 400mAh
Charging	Extended battery: 600mAh
	5V  1A
Charging Time	400mAh, 80min
	600mAh, 100min
Battery Life	400mAh, 9.6h (to be triggered every 5 seconds)
	600mAh, 14.3h (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.
Tumble Spec.	Scanner body withstands 20,000 3.3ft./1.0 m tumbles.
Electrostatic Discharge (ESD)	±8kVdc contact discharge; ±15kVdc air discharge;
Certification	CE, FCC, KC, TELEC, RoHS, ANATEL, NOM, EAC

### PERFORMANCE CHARACTERISTICS

Optical Resolution	640 x 400 pixels
Sensor	2D CMOS Image
Skew, Pitch & Roll	Skew tolerance: ±60°
	Pitch tolerance: ±60°
	Roll tolerance: 360°
Field of view	42° horizontal, 28° vertical
Illumination Element	1 Hyper Red 660nm LED
Aiming Element	610nm LED
Supported Symbolologies	UPC-A, UPC-E, UPC-E1, EAN-8 JAN 8, EAN-13/-JAN 13, Bookland EAN, ISSN EAN, Code 128, GS1-128, ISBT-128, Code 39, Trioptic Code 39, Code 93, Code 11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Matrix 2 of 5, Codabar, MSI, GS1 DataBar-14, GS1 DataBar Limited, GS1 DataBar Expanded, Composite Codes: Composite CC-C, Composite CC-A/B, Compo PDF417, MicroPDF417, Code 128 Emulation, DataMatrix, Maxicode, QR Code, MicroQR Code, Aztec Code, Han Xin
Interface	USB, Bluetooth
Offline Mode	Support storage 5000 EAN-13 barcodes

### DECODE RANGES

5mil Code39	5.1cm~16.2cm/2.0in.~6.4in.
5mil Code128	6.3cm~12.7cm/2.5in.~5.0in.
6.6mil PDF417	6.3cm~16.0cm/2.5in.~6.3in.
10mil PDF417	4.5cm*~22.8cm/1.8in.*~9.0in.
13mil 100% UPC	5.0cm*~31.7cm/2.0in.*~12.5in.
20mil Code39	5.0cm*~49.5cm/2.0in.*~19.5in.
20mil DataMatrix	3.8cm~34.3cm/1.5in.~13.5in.
20mil QR Code	3.8cm~27.9cm/1.5in.~11.0in.

### SOFTWARE SUPPORT



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

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