

GS R1521 Ring Scanner

GS R1521 is your best choice for a small, light-weight hands-free 2D wearable ring scanner which cost-effectively boosts productivity.

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

- 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 R1521 Ring Scanner

PHYSICAL CHARACTERISTICS

Dimensions	With standard battery :
	66.4mm(L)×34.7mm(W)×25.3mm(D)
	2.61in.(L)×1.37in.(W)×1.0in.(D).
	With extended battery :
	66.4mm(L)×34.7mm(W)×26.9mm(D)
	2.6in.(L)×1.4in.(W)×1.06in.(D)
	Weight
	With standard battery :44g /1.55oz
Battery Capacity	With extended battery :46g /1.62oz
Battery Capacity	Standard battery: 400mAh
	Extended battery: 600mAh
Charging	5V  1A
Charging Time	400mAh, 80min
	600mAh, 100min
Battery Life	400mAh, 10.4h (to be triggered every 5 seconds)
	600mAh, 14.2h (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	100,000 lux
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	640 x 480 pixels
Sensor	2D CMOS Image
Skew, Pitch & Roll	Skew tolerance: ±60°
	Pitch tolerance: ±40°
	Roll tolerance: 360°
Illumination	Cold White LED
Aiming LED	Red LED
Supported Symbolologies	1D:UPC-A, UPC-E, UPC-E 1, EAN-13, EAN-8, ISBN/ISSN, Code 39, Trioptic 39  , Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar, Code 128, Code 93, code 11, MSI, UK/Plessey, UCC/EAN, China post, China finance, GS1 DataBar 2D: PDF417, MicroPDF417, QR Code, Micrio QR Code, DataMatrix, Aztec Code, Han Xin
Interface	USB, Bluetooth
Offline Mode	Support storage 5000 EAN-13 barcodes

DECODE RANGES

5mil Code39	7.0cm~16.0cm/2.7in.~6.2in.
5mil Code128	8.0cm~12.0cm/3.1in.~4.7in.
6.6mil PDF417	7.0cm~14.0cm/2.7in.~5.5in.
10mil PDF417	4.5cm~18.0cm/1.7in.~7.0in.
10mil Code39	5.0cm~25.0cm/1.9in.~9.8in.
13mil 100% UPC	4.0cm~27.0cm/1.5in.~10.6in.
15 mil DataMatrix	3.5cm~20.0cm/1.3in.~7.8in.
20 mil QR	3.5cm~30.0cm/1.3in.~11.8in.

SOFTWARE SUPPORT

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

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