

GS R1120 Ring Scanner

If you are looking for the best-in-class 1D scanner, fortunately, you have found it. GS R1120 is sturdily constructed with state-of-the-art 1D scanning performance and scanning range. Users can scan barcodes at the near contact and as far out as 15ft/4.5m (widest working range in this class).

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 aluminum alloy frame protecting PCBA
- 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 R1120 Ring Scanner

PHYSICAL CHARACTERISTICS

Dimensions	With standard battery:
	75.1mm(L)×38.0mm(W)×49.7mm(D)
	2.96in.(L)×1.50in.(W)×1.96in.(D).
	With extended battery:
	75.1mm(L)×38.0mm(W)×51.2mm(D)
	2.96in.(L)×1.50in.(W)×2.02in.(D)
Weight	With standard battery: 52.7g /1.86oz
	With extended battery: 55.5g /1.96oz
Battery Capacity	Standard battery: 400mAh
	Extended battery: 600mAh
Charging	5V ---1A
Charging Time	400mAh, 70min
	600mAh, 100min
Battery Life	400mAh, 10.6h (to be triggered every 5 seconds)
	600mAh, 15.1h (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	640 x 400 pixels
Sensor	Laser
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 Symbologies	UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN/IS-SN, Code39, Code32, Codbar, Code128, ISBT128, Code93, Interleaved 2of5, Discrete 2 of 5, Discrete 2 of 5 IATA, Code11, MSI, GS1-128, Bookland EAN, Trioptic Code 39, Coupon Code, GS1 DataBar Family, UCC Composite, TLC 39, Chinese 2 of 5
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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GENERALSCAN

