

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

- Engine option, Zebra EM1350
- 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 $\overline{=}$ 1A
Charging Time	400mAh, 80min
	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 > 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	0.0015in. Minimum element width
Senser	Laser
Skew, Pitch & Roll	Condition 20mil Code 39 at 10 in.
	Skew tolerance: $\pm 40^\circ$ from normal
	Pitch tolerance: $\pm 65^\circ$ from normal
	Roll tolerance: $\pm 35^\circ$ from vertical
Field of view	47° Wide, 35° Medium, 10° Narrow
Scan Element	a resonant single line (650nm laser)
Supported Symbolologies	1D: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	3.05cm~31.75cm/1.2in.~12.5in.
7.5mil Code39	2.79cm~46.99cm/1.1in.~18.5in.
5mil Code128	3.05cm~48.26cm/1.2in.~7.7in.
10mil Code128	3.05cm~19.56cm/1.2in.~19in.
15mil Code128	2.54cm~74.93cm/1in.~29.5in.
13mil 100% UPC	4.06cm~68.58cm/1.6in.~27in.
20mil Code39	3.56cm~132.08cm/1.4in.~52in.
55mil Code39	8.64cm~254cm/3.4in.~100in.
100mil Code39	60.96cm~518.16cm/2ft~17ft

SOFTWARE SUPPORT

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

GENERALSCAN

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