

GS R1522 Ring Scanner

A compact, reliable, wearable scanner which supports reading poorly-printed and on-screen barcodes and can undertake highly intensive scanning workload.

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, Honeywell N4680
- 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 R1522 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) 2.61in.(L)×1.37in.(W)×1.06in.(D) |
| Weight | With standard battery :43g /1.52oz |
| | With extended battery:45g /1.59oz |
| Battery Capacity | Standard battery: 400mAh Extended battery: 600mAh |
| Charging | 5V --- 1A |
| Charging Time | 400mAh, 80min |
| | 600mAh, 100min |
| Battery Life | 400mAh, 8h (to be triggered every 5 seconds) |
| | 600mAh, 12h (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. |
| Certification | CE, FCC, KC, TELEC, RoHS, ANATEL, NOM, EAC |

PERFORMANCE CHARACTERISTICS

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|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Optical Resolution | 640 x 480 pixels |
| Sensor | Rolling shutter |
| Skew, Pitch & Roll | Skew tolerance: ±50° |
| | Pitch tolerance: ±50° |
| | Roll tolerance: 360° |
| Field of view | ±20°horizontal, ±15° vertical |
| Illumination Element | Warm White LED with CCT 3000K |
| Aiming Element | 630nm RED LED |
| Supported Symbologies | 1D: Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, UPC-A, UPC E, UPC-A/EAN-13 with Extended Coupon Code, Coupon GS1 Code 32(PARAF),EAN-UCC Emulation, GS1 Data Bar POSTAL: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korean Post 2D: Codablock A, Codablock F, PDF417, MicroPDF417, Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible (Han Xin), Grid Matrix, Dot Code |
| Interface | USB, Bluetooth |
| Offline Mode | Support storage 5000 EAN-13 barcodes |

DECODE RANGES

| | |
|----------------|-------------------------------|
| 13mil 100% UPC | 4.6cm~39.0cm/1.81in.~15.35in. |
| 5mil Code39 | 4.5cm~18.0cm/1.77in.~7.09in. |
| 10mil Code39 | 3.6cm~36.0cm/1.41in.~14.17in. |
| 20mil Code39 | 7.1cm~74.7cm/2.79in.~29.41in. |
| 7mil PDF417 | 5.5cm~16.3cm/2.17in.~6.42in. |
| 10mil PDF417 | 4.2cm~24.7cm/1.65in.~9.72in. |
| 20mil PDF417 | 8.1cm~49cm/3.19in.~19.29in. |
| 7mil QR | 7cm~12.5cm/2.76in.~4.92in. |
| 10 mil QR | 4.0cm~18.2cm/1.57in.~7.17in. |
| 20 mil QR | 3.6cm~36.7cm/1.42in.~14.45in. |
| 5mil Code128 | 5.6cm~15.8cm/2.2in.~6.22in. |
| 10mil Code128 | 3.3cm~32.1cm/1.3in.~12.64in. |
| 20mil Code128 | 5.3cm~59.8cm/2.09in.~23.54in. |

SOFTWARE SUPPORT

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

GENERALSCAN

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