

GS R5523 Ring Scanner

The most compact, most rugged design with enterprise-class durability.

GS R5523 with Honeywell engine N6703 provides higher performance and reliability and enables increased barcode scanning speeds to meet higher-volume application requirements. It can read moving barcodes, enabling increased scanning speed and productivity.

You get up to more than two times the battery power of previous designs, along with improved rugged internal and external structure.

It also features with NFC (Near Field Communication), vibration alerts, AI identifier recognition, real-time transmission and batch data offline upload.

We 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.



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 N6703.
- 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.
- Replaceable 600mAh battery greatly improves working efficiency.
- Updated removable trigger enables workers to share one scanner without germs.
- New function, NFC, tag to pair, saves at least half of the connection time, no need to manually pair one with the other.

PRODUCT SPEC SHEET

GS R5523 Ring Scanner

PHYSICAL CHARACTERISTICS

Dimensions	70.0mm(L)×36.4mm(W)×28.4mm(D) 2.76in.(L)×1.43in.(W)×1.12in.(D)
Weight	59g /2.08oz
Battery Capacity	600mAh
Charging	5V --- 1A
Charging Time	100min
Battery Life	12.5h (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 100,000 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	1280 x 800 pixels,global shutter
Sensor	2D CMOS Image
Skew, Pitch & Roll	Skew tolerance: ±60° Pitch tolerance: ±60° Roll tolerance: 360°
Field of view	48° horizontal , 31° vertical
Illumination	White LED
Aiming LED	Red LED
Supported Symbologies	Code39, Code128, Codabar, Code11, UPC/EAN, 2of5, Databar, Code39, MSI, UK Plessy, Telepen, Composite, TLC-39 Postal Codes, PDF, Micro PDF, Composite, TLC-39, Aztec, Data Matrix, QR, Maxicode, Han Xin, Grid Matrix, OCR
Interface	USB, Bluetooth
Offline Mode	Support storage 5000 EAN-13 barcodes

DECODE RANGES

13 mil 100% UPC	79 to 228mm (1.73 to 8.98 in)
13 mil 20% UPC	44 to 573mm (3.11 to 22.56 in)
3 mil C39	106 to 176mm (4.17 to 6.93 in)
5 mil C39	70 to 301mm (4.17 to 11.85 in)
10 mil C39	40 to 517mm (1.57 to 20.35 in)
20 mil C39	44 to 800mm (1.73 to 31.5 in)
15 mil C128	42 to 650mm (1.65 to 25.59 in)
10 mil DM	72 to 297mm (2.83 to 11.69 in)
5 mil PDF417	105 to 181mm (4.13 to 7.12 in)
6,7 mil PDF417	84 to 244mm (3.31 to 9.61 in)
7mil QR	105 to 169mm (4.13 to 6.65 in)
15 mil QR	39 to 414mm (1.54 to 16.3 in)

SOFTWARE SUPPORT

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

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