

GS R1522 Ring Barcode Scanner

Metal frame structure

With this delicate design, the PCBA is protected from drops and bumps due to the metal protective frame, which ensures reliable operation. Passed the 1 meter 20,000 times rolling test, the performance is reliable.

Shell material is Hard

The hardness of shell(ABS+PC material) has been greatly improved, is impact-resistant, tensile-resistant, and meets enterprise-grade standards. The imager window(acrylic material) has high strength and strong light transmission.

Suitable for standard distance scanning

The GS R1522 is the first option for the standard scan distance, when we scan 20mil Code39 barcode, the nearest distance is 71mm, the farthest distance is 747mm.

Ring Wear

Like wearing a ring, it is small, light and efficient. With Ring trigger, workers can choose and decide to use left or right hand to work and swap scanning hands on the fly.

Scan engine, Honeywell N4680

The contrast of white light is high, and it has more advantages in recognition. 640×480 resolution, fully meet most daily scanning needs. Global shutter, more accurate and faster barcode recognition for mobile scanning scenes.

Wide applicability

GS R1522 supports two modes of classic bluetooth and low energy bluetooth. Support HID, SPP, BLE three transmission protocols. USB mode supports keyboard and virtual serial port, adapting to various application interfaces.

Application fields

The scanner can be widely used in manufacturing, warehousing, logistics, retail and express transportation, and has incomparable advantages in improving production efficiency and accuracy.



ACCESSORIES



Bluetooth Dongle
GS GDA201



Battery charger
GS GCR202(8-slot)/203(16-slot)



Battery Charger
GS GCR201(Dual-Slot)



Armband
(AB1800)



Ring holder

PRODUCT SPECIFICATION

Wearable Barcode Scanner GS R1522

PHYSICAL PARAMETER

Dimensions	66.54mm(L) × 34.73mm(W) × 25.16mm(H)
Weight	28.3g(Scanner body)
Battery Capacity	600mAh
Charging	5V ---1A
Charging Time	120min
Battery Life	12.8h(scan once in 5 seconds)
Notification	LED, Buzzer, Vibration

PERFORMANCE CHARACTERISTICS

Optical Resolution	640×480 pixels
Shutter	Global Shutter
Sensor	2D CMOS Image
Skew, Pitch & Roll	Skew tolerance: ±50° from normal Pitch tolerance: ±50° from normal Roll tolerance: 360° from normal
Field of View	Horizontal 20°, Vertical 15°
Illumination	White LED
Aiming	Red LED
Supported	1D: Codabar, Code39, Trioptic, Interleaved2 of 5, FEBRA-BAN, NEC 2 of 5, Code 93, Matrix 2 of 5, Code 11, Code 128, Telepen, UPC-A, UPC-E0, UPC-E1, EAN/JAN-13, EAN/JAN-8, MSI, GS1 DataBar, Codablock A, Codablock F
Symbologies	2D: PDF417, Macro PDF417, GS1 Composite Codes, GS1 Emulation, TLC39, QR, DotCode, Digimarc Barcode, Dta Matrix, Grid Matrix, Maxicode, Aztec, Han Xin, Postal
Interface	USB, Bluetooth;
Offline Mode	Support storage of 3839 EAN-13 barcodes

BLUETOOTH

Bluetooth Protocol	HID Keyboard, SPP, and BLE
Bluetooth Range	Communication distance connected to mobile phone > 164.04ft./50m (without obstructions)
Bluetooth OTA	Bluetooth OTA

USB

USB Interface	USB Type-C
USB Protocol	USB HID Keyboard, USB VCP (Virtual Serial Port)
Multilingual Keyboards	USB HID mode supports multilingual keyboards

USER ENVIRONMENT

Ambient Light	Max 100000lux (direct sunlight)
Operating Temperature	-10°C~50°C
Storage Temperature	-10°C~50°C
Humidity	5% - 85% non-condensing
Drop Spec.	Multiple 4.9ft./1.5M drops to concrete
Tumble Spec.	Scanner body withstands 20,000 times from 3.3ft./1M with frequency of 10 times per minute.
Electrostatic Discharge (ESD)	±8kv DC discharge, ±15kv air discharge
Certificates	CE, FCC, KC, TELEC, RoHS, ANATEL, NOM, EAC

SOFTWARE SUPPORT

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

DECODE RANGES

5 mil Code 39	45.0 - 180.0MM
10 mil Code 39	36.0 - 360.0MM
20 mil Code 39	71.0 - 747.0MM
5 mil Code 128	56.0 - 158.0MM
10milCode 128	33.0 - 321.0MM
20milCode 128	53.0 - 598.0MM
100% UPCA	46.0 - 390.0MM
7 mil PDF417	55.0 - 163.0MM
10 mil PDF417	42.0 - 247.0MM
20 mil PDF417	81.0 - 490.0MM
7 mil QR	70.0 - 125.0MM
10 mil QR/Data Matrix	40.0 - 182.0MM
20 mil QR	36.0 - 367.0MM

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