

GS R5520 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.

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.

Suitable for standard distance scanning

When GS R5520 scanning 100% UPC-A barcodes, the distance is up to 660mm. When GS R5520 scanning 20mil Code39 barcodes, the distance is up to 762mm.

Scan engine, Zebra SE4710

Support resolution 1280x800, 1 million pixel camera, scan image is clear. High-density, low-contrast barcode decoding can also be quickly recognized.

Wide applicability

GS R5520 can recognize almost all 1D or 2D barcodes. Support NFC fast pairing.

Use Zebra's latest decoding solution PL5000

GS R5520 has shorter decoding time, larger range, excellent mobil adaptability, more advanced barcode and data acquisition and processing functions, supports the latest code system(Dot Code) and OCR(text recognition, image analysis and processing, and obtains its text information), greatly improving the efficiency.

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 R5520

PHYSICAL PARAMETER

Dimensions	70.0mm(L) × 36.0mm(W) × 26.8mm(D)
Weight	37g(Scanner body)
Battery Capacity	600mAh
Charging	5V---1A
Charging Time	120min
Battery Life	10.25h(scan once in 5 seconds)
Notification	LED, Buzzer, Vibration

PERFORMANCE CHARACTERISTICS

Optical Resolution	1280 x 800 pixels
Shutter	Rolling Shutter
Sensor	2D CMOS Image
Skew, Pitch & Roll	Skew tolerance: ±60° from normal Pitch tolerance: ±60° from normal Roll tolerance: 360° from normal
Field of View	Horizontal 42°, Vertical 28°
Illumination	Red LED
Aiming	Red LED
Supported Symbologies	1D: Code39, Code128, Codabar, Code11, UPC/EAN, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Matrix 2 of 5, Korean 3 of 5, GS1 Databar, Code93, MSI, Composite 2D: PDF417, Postal CodesMicro PDF, Micro PDF417, Code128 Emulation, Aztec, Data Matrix, GS1 Data Matrix, QR Code, GS1 QR, Maxicode, Micro QR, Han Xin, Grid Matrix, DotCode, OCR
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 107639lux (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

4 mil Code 39	84.0 - 224.0MM
5 mil Code 128	71.0 - 208.0MM
5 mil Code 39	50.8 - 343.0MM
5 mil PDF417	79.0 - 213.0MM
10 mil DataMatrix	74.0 - 257.0MM
100% UPC-A	46.0 - 660.0MM
20 mil Code 39	50.8 - 762.0MM

GENERALSCAN

Generalscan Inc.

200 Buckelew Ave, Jamesburg,
NJ 08831, USA
+1 732 895 6821

Generalscan Electronics GmbH

Hochstraße 42, 52525
Heinsberg Germany
+49 1516 7161256

Generalscan LLC

Calle San Luis Potosi 51,
Roma Norte 06700,
Ciudad de México
+52 5552727861

GENERALSCAN ELEKTRONIK VE TEKNOLOJİ SAN. VE TİC. LTD. ŞTİ.

FSM Mah. Siir Sk. Relux Plaza No 10,
Ümraniye 34764,
İstanbul, Turkey
+90 542 478 5873