

# GS R5520 Handheld Barcode Scanner

## Scan engine, Zebra SE4710

GS R5520 reads virtually all the 1D and 2D barcodes. It also supports NFC instant pairing. The clear image owes to the high-resolution camera of 1280x800 and 1 million pixels, even for the high-density, low-contrast barcodes.

## Suitable for standard range scanning

GS R5520 is ideal for standard range scanning. For barcode 100% UPC-A, the scanning distance is up to 660MM, and 762MM for barcode 20mil Code39.



## Features with Zebra latest decoding solution-PL5000

GS R5520 has a shorter decoding time, wider range, excellent mobile adaptability and more advanced ability of data-capturing and dealing. It supports the latest Dot Code and OCR (word-recognize, text-obtain from image-analysis), which are all factors to improve work efficiency.



## Instant pairing — just tap and go

With NFC, simply tap the GS R5520 on NFC-enabled Zebra devices — no need to scan a pairing barcode or open bluetooth settings to identify and select the device.

## Maximum replaceable parts bring minimize downtime

The removable and swappable scanner body and battery minimize the entire time of reassembly process. Furthermore, the one-second swappable battery makes sure scanners have virtually no downtime. There is no need to worry about dead battery to influence your daily working any more.

## All day comfort that workers can count on

The ergonomic designed grip provides maximum comfort, even in the heavy-duty scanning environments, which reduced greatly user fatigue and increased productivity.

## The Flexgrip is easy to assemble and clean

It is very easy to assemble on the scanner, just press and release the latch it will be fixed. Because of the small size, it is also very easy to clean.

## ACCESSORIES



**Bluetooth Dongle**  
(GDA201)



**Battery Charger**  
GS GCR208(8-slot) /203(16-slot)



**Battery Charger**  
Dual-Slot Battery Charger



**Armband**  
(AB1800)



**Flexgrip**  
(GS GHR201)

# PRODUCT SPEC SHEET

## Handheld Barcode Scanner GS R5520

### PHYSICAL PARAMETER

Scanner Dimensions	64.9MM(H) × 34.5MM(W) × 24.7MM(D)
Scanner Weight	29.5g (scan body)
Handle Dimensions	166.5MM(H) × 48.7MM(W) × 83MM(D)
Handle Weight	146.5g
Battery Capacity	600mAh
Charging	5V⎓1A
Charging Time	120min
Battery Life	10.25 hours (scan every 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 Laser
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 Codes, Micro 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 5000 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

### 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 minutes.
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
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### DECODE RANGES

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

# GENERALSCAN

#### Generalscan Inc.

📍 20 Kulick Road Fairfield,  
New Jersey, 07004, USA  
☎ +1 888 633 7931  
✉ sales@generalscan.cloud

#### 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 TIC. LTD. ŞTİ.

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