

# GS R5522 Handheld Barcode Scanner

## Scan engine, Zebra SE4750MR

The clear image of GS R5522 owes to the high-resolution camera of 1280x960 and 1.2 million pixels, even for the high-density, low-contrast barcodes.

## Suitable for medium and long-range scanning

GS R5522 is ideal for medium and long-range scanning. For barcode 100% UPC-A, the scanning distance is up to 965MM, and 4370MM for barcode 100mil Code39.



## 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.

## Longer working hours

GS R5522 supports to work for more than 9 hours by a single charge. Furthermore, productivity improved much more by the fast-swappable battery and the well-designed multi-charger.

## Features with Zebra latest decoding solution-PL5000

GS R5522 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.

## 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.

## 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 R5522

### PHYSICAL PARAMETER

Scanner Dimensions	70.00MM(H) × 36.00MM(W) × 26.80MM(D)
Scanner Weight	40.7g (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	9 hours (scan every 5 seconds)
Notification	LED, Buzzer, Vibration

### PERFORMANCE CHARACTERISTICS

Optical Resolution	1280 x 960 pixels
Shutter	Global 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 31°, Vertical 23°
Illumination	White 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

5mil Code 128	188.0MM - 406.0 MM
5mil PDF 417	206.0MM - 333.0MM
7.5 mil DataMatrix	211.0MM - 325.0MM
10 mil DataMatrix	178.0MM - 432.0MM
13mil UPC-A	58.0MM - 965.0MM
15 mil Code 128	102.0MM - 1016.0MM
20mil Code 39	53.0MM - 1372.0MM
100 mil Code 39	279.0MM - 4369.0MM
160 mil DataMatrix	292.0MM - 3505.0MM
20 mil QR Code	71.0MM - 676.0MM

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