

# GS R3522 Handheld Barcode Scanner

## Long working hours effectively reduced downtime

The 600mAh large-capacity battery supports up to 21 hours of use at a scanning frequency of 5 seconds. With this long working time, there's no need for frequent recharging, meaning tasks can proceed without interruption. This is especially critical in fast-paced environments like warehouse, logistics hubs, and retail stores, significantly improving workflow continuity and overall productivity.

## 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.



## Triggers built for intensive scanning

The triggers are rated for millions of pressing — instead of the typical few hundred thousand trigger presses. It is obvious that the frequency of replacing triggers getting lower, and also the cost.

## 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.

## Global shutter ensures scanning accuracy and reliability

Global shutter can capture all pixels simultaneously, ensuring a distortion-free image. This is especially important for scanners, as visual artifacts such as wobble, tilt, and spatial aliasing caused by line-by-line exposure can be eliminated, improving scanning accuracy and reliability.

## 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 R3522

### PHYSICAL PARAMETER

Scanner Dimensions	64.8MM(H) × 34.6MM(W) × 24.8MM(D)
Scanner Weight	37.0g (scan body)
Handle Dimensions	166.5MM(H) × 48.7MM(W) × 75.8MM(D)
Handle Weight	144.5g
Battery Capacity	600mAh
Charging	5V --- 1A
Charging Time	120min
Battery Life	21 hours (scan every 5 seconds)
Notification	LED, Buzzer, Vibration

### PERFORMANCE CHARACTERISTICS

Optical Resolution	1280 x 800 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 39°, Vertical 26°
Illumination	White LED
Aiming	Red Led
Supported Symbolologies	1D: Code39, Code128, Code 39 full ascii, Trioptic Code39, Code 32, UPC-A, UPC-E, UPC-E1, UPC-E+, UPC-A+, EAN8/JAN8, EAN13/JAN13, Bookland EAN/ISBN, MSI, Codabar, Code11, Interleaved 2 of 5, Industrial 2 of 5, Chinese 2 of 5, Matrix 2 of 5, ISBT, GS1 Databar14, GS1 Databar Limited, GS1 Databar Expanded, GS1-128, Code93 2D: PDF417, Micro PDF417, QR Code, DataMatrix, Micro QR, Hanxin, Grid Matrix, Aztec, Maxicode, GS1 QR, GS1 DataMatrix, GS1 Composite(CC-A/CC-B/CC-C)
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

### 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 minutes.
Electrostatic	±8kv DC discharge, ±15kv air discharge
Discharge (ESD)	
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

3 mil Code 39	60.0MM - 190.0MM
5 mil Code 39	30.0MM - 310.0MM
5 mil QR Code	85.0MM - 120.0MM
13 mil EAN13	45.0MM - 520.0MM

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