

# GS R1521 Handheld Barcode Scanner

## Durable and Rugged for All-Day, Every-Day Use

GS R1521 is dual-tested for durability—drop and tumble. Multiple drop it on concrete from 4.9ft./1.5M, tumble it from 3.3ft./1M with frequency of 10 times per minutes for 20,000 times, GS R1521 is engineered for durability and uptime.

## 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.

## 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.



**NFC pairing saves at least half of the connection time** Using the NFC makes the Bluetooth connection more convenient and faster. User can simply tap the scanner with any NFC-enabled devices. No need to open the 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.

## ACCESSORIES:



**Bluetooth Dongle**  
(GDR201)



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



**Battery Charger**  
Dual-Slot Battery Charger



**Armband**  
(AB1800)



**Flexgrip**  
(GS GHR201)

## PRODUCT SPECIFICATION

Flexgrip Barcode Scanner GS R1521

### PHYSICAL PARAMETER

Scanner Dimensions	66.5MM(H) × 34.7MM(W) × 25.2MM(D)
Scanner Weight	25.8g (Scanner body)
Handle Dimensions	166.5MM(H) × 48.7MM(W) × 75.8MM(D)
Handle Weight	144.5g
Battery Capacity	Standard battery: 400mAh; Extended battery: 600mAh
Charging	5V⎓1A
Charging Time	Standard battery: 400mAh, 80min
Battery Life	400mAh, 11.5 hours (scan every 5 seconds) 600mAh, 19.5 hours (scan every 5 seconds)
Notification	LED, Buzzer, Vibration

### PERFORMANCE CHARACTERISTICS

Optical Resolution	640 x 480 pixels
Shutter	Global shutter
Sensor	2D CMOS Image
Skew, Pitch & Roll	Skew tolerance: ±55° from normal Pitch tolerance: ±55° from normal Roll tolerance: 360° from normal
Field of View	Horizontal 20°, Vertical 15°
Illumination	White LED
Aiming	Red LED
Supported Symbologies	1D: Code 128 (ISBT 128, AIM 128, GS1 128), EAN-13, EAN-8, UPC-E, UPC-A, ISBN, ISSN, Code11, Interleaved 2 of 5, Code39, Code93, Code32, Codabar, Matrix 2 of 5, Industrial 25, IATA25, MSI Plessey, GS1 DataBar, Plessey, Febraban 2D: QR Code, Micro QR, Data Matrix, PDF417, Micro PDF417, Aztec, Maxicode, HanXin, Dotcode, Composite
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 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

13 mil EAN-13	50.0MM – 325.0MM
5 mil Code 39	55.0MM – 135.0MM
13 mil Code 128	50.0MM – 330.0MM
15 mil QR	30.0MM – 190.0MM
10 mil DataMatrix	40.0MM – 130.0MM
6.67 mil PDF417	50.0MM – 135.0MM

## GENERALSCAN

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