GENERALSCAN

GS R5521 Handheld Barcode Scanner

Scan engine, SE4770
The illumination of GS R5521 is white LED, which has the best recognition due to the high contrast of it. Red cross laser aiming and global shutter contribute much on the speedy decoding of barcodes.

Durable and Rugged for All-Day, Every-Day Use
GS R5521 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 R5521 is engineered for durability and uptime.

Instant pairing — just tap and go
With NFC, simply tap the GS R5521 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 aslo very easy to clean.

Application fields
GS R5521 widely used in manufacturing, warehouse, logistics, retails and transportation. It has unparalleled advantages in production efficiency and accuracy.

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 R5521

PHYSICAL PARAMETER

Scanner Dimensions	70.00MM(H) × 36.00MM(W) × 26.80MM(D)
Scanner Weight	37g (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	9.93 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 48°, Vertical 30°
Illumination	White LED
Aiming	Red Cross 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 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 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

DECODE RANGES

3 mil Code 39	76.0MM -147.0MM
5 mil Code 128	58.0MM – 249.0MM
5 mil PDF417	76.0MM - 201.0MM
6.67 mil PDF417	64.0MM - 257.0MM
10 mil DataMatrix	53.0MM - 279.0MM
100% UPCA	41.0MM - 632.0MM
15mil Code 128	41.0MM - 632.0MM
20mil Code 39	41.0MM - 917.0MM

GENERALSCAN

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