

GS R3523 Handheld Barcode Scanner

Red cross laser aiming ensures precise targeting and efficient scanning

Red cross laser aiming enables precise aiming, speeds up barcode alignment, improves efficiency, and is clearly visible against most backgrounds, making it suitable for complex environments, so it reduces misreading, improves aiming accuracy, and enhances the user experience.



Excellent scanning range for a wide range of applications

The R3523 offers an industry-leading scanning range, making it ideal for a wide variety of use cases. For instance, it can read 13mil EAN13 barcodes from distances of up to 70 cm—an unmatched performance in



its category. This extended range is especially beneficial in retail industries, enabling truly contactless scanning that enhances the overall shopping experience. It helps reduce checkout congestion during peak hours, boosting hourly order processing capacity from 120 to 180 and improving operational efficiency.

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.

The R3523 can capture virtually all the 1D and 2D barcodes

R3523 offers exceptional versatility by supporting the recognition of virtually all 1D and 2D barcodes, whether black-and-white or in color.

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 R3523

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 Cross Laser
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

3.3 mil Code 39	110.0MM - 190.0MM
5 mil Code 39	80.0MM - 310.0MM
5 mil QR Code	40.0MM - 390.0MM
13 mil EAN13	60.0MM - 700.0MM
10 mil DataMatrix	90.0MM - 270.0MM
6.7 mil PDF417	110.0 - 260.0MM

GENERALSCAN

Generalscan Inc.

Generalscan LLC

Generalscan Electronics GmbH

+1 732 391 7747 ☎

+90 542 478 5873 ☎

+1 732 391 7747

sales@generalscan.cloud ✉