

# GS R3523 Ruglove - MK2

## Bluetooth Wearable Scanner

### Red cross laser aiming - Scan faster, miss less

The red cross laser allows for pinpoint accuracy when aiming at barcodes, ensuring faster alignment and minimizing scanning errors. It stands out clearly against most backgrounds, making it ideal for use in complex or busy environments.

### 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.

### A glove with the feature of easy-to-clean and many-time-clean

The MK2 glove is easy-to-clean mostly due to easily removable scanner body, which contributes more on improving the hygiene and preventing the spread of germs. Workers always have a clean glove even if this set of scanners is in all-day, every-day use.

### Comfortable microfiber glove

The glove of MK2 made of microfiber, which is soft but not easy to deform, and is scratch resistant with high tensile strength. Working in harsh environments is no longer a problem.

### 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.

### Press slightly with one hand to scan, enhanced working efficiency greatly

With a slight press, the glove wear well, and ready to scan. In this way, workers do not need training on how to use it any more. Working efficiency improved greatly by easy operating and instant set-up.



## ACCESSORIES



Glove MK2 + Trigger



Armband  
AB1800



Bluetooth Dongle  
GDR201



Battery Charger  
Dual-slot GS GCR201



Battery charger  
GS GCR202(eight-slot)/203(sixteen-slot)

## PRODUCT SPEC SHEET

### GS R3523 Ruglove-MK2 Bluetooth Wearable Scanner

#### PHYSICAL PARAMETER

Scanner Dimensions	64.8(L) × 34.6(W) × 24.8(D)mm
Scanner Weight	37.0g (scan body)
Glove Dimensions	260(L)×120(W)×2.5(D)mm
Glove Weight	21.2g
Material of Glove	Microfiber
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

#### TRIGGER METHOD

Trigger	By the key on glove surface
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#### 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

#### USB

USB Interface	USB Type-C
USB Protocol	USB HID Keyboard, USB VCP (Virtual Serial Port)
Multilingual Keyboards	USB HID mode supports multilingual keyboards

#### 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.
IP Level of Glove	Washable
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

3.3 mil Code 39	110 MM - 190 MM
5 mil Code 39	80 MM - 310 MM
5 mil QR Code	40 MM - 390 MM
13 mil EAN13	60 MM - 700 MM
10 mil DataMatrix	90 MM - 270 MM
6.7 mil PDF417	110 MM - 260 MM

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