

# GS R5523 Ruglove - MK2

## Bluetooth Wearable Scanner

### Scan engine, Honeywell N6803

The engine N6803 takes the reading range required in warehouse and distribution centers to new heights. Its dual lens architecture and rapid switching mechanism between near and far distances eliminate the need for refocusing, saving valuable time. The Smart Adaptus™ 8.0 technology integrated in GS R5523 extends the single lens read range of standard range optics and dual lens design for simultaneous close and far image capture. Reads barcodes from 6CM to 10M.

### 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.

### 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.

### 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.



### Features with Honeywell decoding solution-GEN8 DB

Equipped with ultra-powerful processor, combining with comprehensive barcode symbology support, the GEN8 DB delivers superior decoding performance for all barcode types and beyond. GEN8 DB has 1.2GHz dual processor and 4x memory speed, enables near-term and future application flexibility over the total cost of ownership, further providing flexibility tailored to changing development needs.

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

GS R5523 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 R5523 is engineered for durability and uptime.

### 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



Glove MK2 + Trigger



Armband  
AB1800



Bluetooth Dongle  
GDA201



Battery Charger  
Dual-slot GS GCR201



Battery charger  
GS GCR202(8-slot)/203(16-slot)

## PRODUCT SPEC SHEET

### Wearable Barcode Scanner GS R5523

#### PHYSICAL PARAMETER

Scanner Dimensions	70.00MM(H) × 36.00MM(W) × 26.80MM(D)
Scanner Weight	38.7g (scan body)
Glove Dimensions	260(L) x 120(W) x 2.5(D)mm
Glove Weight	21.2g
Material of Glove	Microfiber
Battery Capacity	600mAh
Charging	5V= 1A
Charging Time	120min
Battery Life	8 hours (scan every 5 seconds)
Notification	LED, Buzzer, Vibration

#### PERFORMANCE CHARACTERISTICS

Optical Resolution	Near: 1920 pixel x 1200 pixel Far: 1280 pixel x 800 pixel
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	Near:48°(H)x21°(V) Far:20°(H)x12°(V)
Illumination	White LED
Aiming	Red Laser
Supported Symbolologies	1D: Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, UPC-A, UPC E, UPC-A/EAN-13 with Extended Coupon Code, Coupon GS1 Code 32(PARAF), EAN-UCC Emulation 2D: Codablock A, Codablock F, PDF417, MicroPDF417, Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible (Han Xin), Grid Matrix, Dot Code Postal: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet
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

#### USB

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

#### TRIGGER METHOD

Trigger	By the key on glove surface
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#### USER ENVIRONMENT

Ambient Light	Max 100,000lux (direct sunlight)
Operating Temperature	-10°C~50°C
Storage Temperature	-10°C~50°C
Humidity	5% - 85% non-condensing
Drop Spec.	Survive from 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, TELEC, RoHS, NOM, IFT, PSE, IEC 62133 EU Battery Directive, US Public Law 104-142

#### SOFTWARE SUPPORT

Generalscan Keyboard Pro, Generalscan SDK Demo, Generalscan OTA Tools, Generalscan iCode, G-Service

#### DECODE RANGES

5 mil Code 39	137 - 396 mm
7 mil PDF	137 - 415 mm
10 mil Code 128	90 - 1399 mm
10 mil QR Code	128 - 412 mm
13 mil UPC	68 - 1690 mm
20 mil Code 39	88 - 2848 mm
55 mil Code 39	— - 5912 mm
100 mil Code 39	— - 9849 mm

## GENERALSCAN

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