

# GS R5522 Ruglove MK III Barcode Scanner



## Top-Tier Grip Comes from the Unmatched "Bare Palm" Holding Ability

The ingenious hand mount on the back provides a completely unrestricted palm. This design stands out from other back-of-hand scanners that typically involve a bulky strap or cover the palm entirely. Workers achieve a more secure grip on items by this completely bare palm, ultimately enhancing productivity and minimizing breakage.

## Enhanced User Comfort with Customizable Trigger Button Placement

Users can customize the placement of the trigger button to suit their daily habits, ensuring comfort even during prolonged use. This flexibility allows for a tailored experience that promotes user comfort and convenience throughout extended periods of operation.

## Prevent the Spread of Germs with Easily-Changed Comfortable Glove

Since the glove is the only part of this wearable device that touches skin, we created the two-piece design that separates the glove from the scanner body, providing the option to give each worker their own glove. Additionally, the material of the glove is soft enough to provide comfortable fit.

## Scan Engine, Zebra SE4750MR

Data capture capabilities of it is comprehensive. It can capture 1D and 2D barcodes in milliseconds, from high resolution photos, to letter, legal, A4 and A5 documents that are fully searchable and editable. There is no need to ever align the bar code and imager for highly intuitive and rapid bar code capture.

## Lightweight Designed Industrial Scanner Ensures Efficient Inventory Management

Thanks to its lightweight design, this scanner is effortless to carry and operate, rendering it perfect for on-the-go work settings. Whether in warehouses, on production lines, or in retail spaces, users can effortlessly transport and utilize this device with ease.

### ACCESSORIES



Bluetooth Dongle  
GS GDA201



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



Battery Charger  
GS GCR201(Dual-Slot)



Armband  
(AB1800)



Ruglove MK III + Trigger

## PRODUCT SPECIFICATION

Wearable Barcode Scanner GS R5522

### PHYSICAL PARAMETER

Dimensions	2.76in.(L) x 1.43in.(W) x 1.06in.(H) 70.00mm(L) x 36.00mm(W) x 26.80mm(H)
Weight	40.7g(Scanner body)
Battery Capacity	600mAh
Charging	5V ---1A
Charging Time	120min
Battery Life	9h(scan once in 5 seconds)
Notification	LED, Buzzer, Vibration

### PERFORMANCE CHARACTERISTICS

Optical Resolution	1280 x 960 pixels
Shutter Type	Global shutter
Sensor	2D CMOS Image
Skew, Pitch & Roll	Skew tolerance: $\pm 60^\circ$ from normal Pitch tolerance: $\pm 60^\circ$ from normal Roll tolerance: $360^\circ$ from normal
Field of View	Horizontal $31^\circ$ , Vertical $23^\circ$
Illumination	White LEDx2
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
Network Connection	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

### USER ENVIRONMENT

Ambient Light	Max 107,639lux (direct sunlight)
Operating Temperature	14°F ~ 122°F / -10°C ~ 50°C
Storage Temperature	14°F ~ 122°F / -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)	$\pm 8$ kv dc discharge, $\pm 15$ kv 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

5 mil Code 128	188.0 - 406.0 MM
5 mil PDF417	206.0 - 333.0 MM
7.5 mil DataMatrix	211.0 - 325.0 MM
10 mil DataMatrix	178.0 - 432.0 MM
13mil UPC-A	58.0 - 965.0 MM
15 mil Code 128	102.0 - 1016.0 MM
20mil Code 39	53.0 - 1372.0 MM
100 mil Code 39	279.0 - 4369.0 MM
160 mil DataMatrix	292.0 - 3505.0 MM
20 mil QR Code	71.0 - 676.0 MM

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