

# GS R5521 Ruglove MK III Barcode Scanner



## Lightweight Material Ensures Comfortable Wearing

The MK III glove features lightweight materials and an ergonomic design to ensure it remains comfortable even when worn for long periods of time during daily work, greatly reducing user fatigue and increasing user comfort.

## Combat Germ Transmission through Effortlessly Swappable Comfortable Glove

Given that the glove is the sole component of this wearable device that comes into contact with the skin, we have introduced a two-piece design. This design effectively separates the glove from the scanner body, allowing for individual gloves for each worker. Moreover, the glove material is soft to ensure a comfortable and snug fit.

## Competitive Pricing Redefines Affordability

The Mark III glove shines as a top-tier wearable scanner accessory due to its exceptional cost-effectiveness. With a price that appeals to a diverse user base, this accessory becomes an accessible and budget-friendly option. Its affordability, combined with a strategic pricing approach, caters to those in search of high quality without a hefty price tag, making it a standout choice in the market.

## Scan Engine, Zebra SE4770

The engine of GS R5521 has the maximum motion tolerance. High first-pass read rates of it allow workers to quickly capture barcodes, whether the scanner or the barcode are in motion. GS R5521 captures large barcodes and multiple barcodes quickly and easily with a larger 'sweet spot' — no need for users to spend time repositioning the device to capture the barcode.

## 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 R5521

### PHYSICAL PARAMETER

Dimensions	2.8in.(L) x 1.4in.(W) x 1.1in.(H) 70.00mm(L) x 36.00mm(W) x 26.80mm(H)
Weight	37g(Scanner body)
Battery Capacity	600mAh
Charging	5V---1A
Charging Time	120min
Battery Life	9.93h(scan once in 5 seconds)
Notification	LED, Buzzer, Vibration

### PERFORMANCE CHARACTERISTICS

Optical Resolution	1280 x 800 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 $48^\circ$ , Vertical $30^\circ$
Illumination	White LED
Aiming	Red Cross Laser
Supported	1D: Code39, Code128, Codabar, Code11, UPC/EAN, Interleaved
Symbologies	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 Connections	USB, Bluetooth
Offline Mode	Support storage of 4388 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	$\pm 8$ kv dc discharge, $\pm 15$ kv 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 mil Code 39	76.0 - 147.0 MM
5 mil Code 128	58.0 - 249.0 MM
5 mil PDF417	76.0 - 201.0 MM
6.67 mil PDF417	64.0 - 257.0 MM
10 mil DataMatrix	53.0 - 279.0 MM
100% UPCA	41.0 - 632.0 MM
15 mil Code 128	61.0 - 706.0 MM
20 mil Code 39	41.0 - 917.0 MM

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