

# GS R5524 Ruglove Barcode Scanner

## Rugged internal structure owes to protecting PCBA with aluminum alloy frame

With this delicate design, the PCBA is protected from drops and bumps due to the metal protective frame, which ensures reliable operation.

## Robust external structure with enhanced hardness of body and imager window

The hardness of shell and imager window has been greatly improved, which contributes to the enterprise-class ruggedness and durability.

## Scan engine Zebra SE5500

Highly visible green laser aimer. The engine SE5500 includes an innovative wide aim pattern green laser aimer with a wide targeting pattern that's up to 7x more visible than a red aimer dot.

## Comfortable wearing style

The design of Ruglove conforms to ergonomics, which makes workers work at ease, even wearing for long time, and no need to worry about the spreading of germs.



## Featured with Zebra's latest decoder - PL5000

The image sensor array in the imager engine captures an image of the barcode through the engine's optical lens. The engine automatically adjusts illumination, exposure, and other parameters to obtain the best quality image.



## Application fields

GS R5524 can be used widely in manufacturing, warehousing, logistics, retail, and transportations industries. It has incomparable advantages in improving quality and accuracy.

## ACCESSORIES



Armband  
(AB1800)



Silicone Glove+Trigger



Lycra Glove+Trigger



Bluetooth Dongle  
GS GDA201



Battery charger  
GS GCR201(Dual-Slot)



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

## PRODUCT SPEC SHEET

Wearable Barcode Scanner GS R5524

### PHYSICAL PARAMETER

Scanner Dimensions	2.76in.(L) x 1.43in.(W) x 1.06in.(H)
	70.00mm(L) x 36.00mm(W) x 26.80mm(H)
Scanner Weight	37.5g (scanner body)
Battery Capacity	600mAh
Charging	5V---1A
Charging Time	100min.
Battery Life	6.9h (to be triggered every 5 seconds)
Notification	LED, Buzzer, Vibration

### PERFORMANCE CHARACTERISTICS

Optical Resolution	2688 x 1520 pixels
Shutter	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 $37^\circ$ , Vertical $21.4^\circ$
Illumination	White LED
Aiming	Green 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 Codes, Micro PDF, Micro PDF417, Code128 Emulation, Aztec, Data Matrix, GS1 Data Matrix, QR Code, GS1 QR, Maxicode, Micro QR, Han Xin, Grid Matrix, DotCode, OCR
Interface	Scanner: USB, Bluetooth
Offline Mode	Support storage of 5000 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 107,639 lux (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.
IP Level of Glove	Washable
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	2.7in. - 16.2in. /69mm -411 mm
5 mil Code 39	2.5in. - 26.6in. /64mm - 676mm
5 mil PDF417	2.8in. - 19.6in. /71mm - 498 mm
6.67 mil PDF417	2.6in. - 25.6in. /66mm - 650mm
10 mil DataMatrix	2.2in. - 27.1in. /56mm - 688 mm
100% UPCA	2.5in. - 70.1in. /64mm - 1800 mm
15mil Code 128	2.6in. - 94.5in. /65mm -2400mm
20mil Code 39	3.9in. - 130in. /100mm - 3300 mm
55 mil Code 39	8.5in. - 153.5in. /215mm - 3900 mm
100 mil Code 39	16.1in. - 165.3in. /410mm - 4200 mm
100 mil DataMatrix	3.3in. - 283.5in. /85mm - 7200 mm

## GENERALSCAN

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