

# GS R5520 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.

## Suitable for Standard Range Scanning

R5520 decodes barcode Code 39 of 20mil 762MM away, and barcode 100% UPC-A 660MM away.

## Scan engine Zebra SE4710

R5520 has unparalleled barcode capture. It captures virtually any 1D or 2D barcode in milliseconds. The working range is wider. It captures barcodes from near contact to farther than 24 in./60 cm away. The wider field of view easily reads close-up large barcodes as well as multiple barcodes.

## The rapidly-replaced battery minimizes the downtime

600mAh battery provides a longer battery lifecycle and ensures uninterrupted full-shift operation. The feature of swappable helps to increase the productivity during receiving, inventorying, picking, sorting, packing, etc.

## Flexible 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 R5520 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  
GDA201



Battery Charger  
GS GCR201(Dual-slot)



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

## PRODUCT SPEC SHEET

### Wearable Barcode Scanner GS R5520

#### PHYSICAL PARAMETER

Scanner Dimensions	2.8in.(L) x 1.4in.(W) x 1.1in.(H) 70.00mm(L) x 36.00mm(W) x 26.80mm(H)
Scanner Weight	37g (scanner body)
Battery Capacity	600mAh
Charging	5V---1A
Charging Time	120min.
Battery Life	10.25h (to be triggered every 5 seconds)
Notification	LED, Buzzer, Vibration

#### PERFORMANCE CHARACTERISTICS

Optical Resolution	1280 x 800 pixels
Shutter	Rolling 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 42°, Vertical 28°
Illumination	Red LED
Aiming	Red LED
Supported Symbolologies	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
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

#### 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 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

5 mil Code 39	3.3in. - 8.8in. /84.0mm - 224.0mm
5 mil Code 128	2.8in. - 8.2in. /71.0mm - 208.0mm
6.6 milPDF417	2.0in. - 13.5in. /50.8mm - 343.0mm
10 mil DataMatrix	3.1in. - 8.4in. /79.0mm - 213.0mm
100% UPC-A	2.9in. - 10.1in. /74.0mm - 257.0mm
15 mil QR Code	1.8in. - 26.0in. /46.0mm - 660.0mm
20 mil QR Code	2.0in. - 30in. /50.8mm - 762.0mm

## GENERALSCAN

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