

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: $\pm 60^\circ$ from normal Pitch tolerance: $\pm 60^\circ$ from normal Roll tolerance: 360° from normal |
| Illumination | White LED |
| Aiming | Green LED |
| 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 |
| 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 | ± 8 kv DC discharge, ± 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

| | |
|-------------------|------------------------------------|
| 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 mil PDF417 | 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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