

GS R3521 Ruglove MK III Barcode Scanner



Exceptional "Bare Palm" Grasping Capability

The innovative back-of-hand mount offers a fully unrestrained palm, setting it apart from conventional scanners with bulkier straps or full palm covers. This unique design allows workers to secure a firmer grip on items using their bare palms, leading to increased productivity and reduced risk of breakage.

Lightweight Material Ensures Comfortable Wearing

The MK3 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.

Flexible Trigger Button Placement for User Comfort

The trigger button can be placed freely and flexibly, making it easy for users to choose the most suitable position according to their daily use habits, and keeping them comfortable even after a long time of triggering.

Scan Engine, Zebra SE 4107

Easy intuitive first-time aiming. The bright, rectangular illumination field and green LED aiming spot enables accurate aiming for exceptional ease of use. White illumination increases scanning flexibility by enabling the easy capture of any color barcode. GS R3521 is the best choice for standard range scanning.

Unmatched Durability - Setting the Standard in Design

Generalscan scanners are engineered with robust external and internal structures, specifically designed to withstand the rigors of demanding environments. Enhanced shell durability and imager window toughness, along with an aluminum alloy frame safeguarding the internal PCBA, collectively fortify the scanners against high drops and impacts, ensuring consistent and dependable performance.

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 R3521

PHYSICAL PARAMETER

| | |
|------------------|--------------------------------------|
| Dimensions | 2.6in. (L) x 1.4in. (W) x 1.0in. (H) |
| | 64.8mm(L) x 34.6MM(W) x 24.8mm(H) |
| Weight | 39.2g(Scanner body) |
| Battery Capacity | 600mAh |
| Charging | 5V ---1A |
| Charging Time | 120min |
| Battery Life | 12.9h(scan once in 5 seconds) |
| Notification | LED, Buzzer, Vibration |

PERFORMANCE CHARACTERISTICS

| | |
|-------------------------|--|
| Optical Resolution | 1280 x 960 pixels |
| Shutter Type | 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 | Warm White LED |
| Aiming | Green 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, |
| 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 Discharge (ESD) | ± 8 kv dc discharge, ± 15 kv air discharge |
| Certificates | CE, FCC, KC, TELEC, RoHS, ANATEL, NOM, EAC |

SOFTWARE SUPPORT

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|---|
| Generalscan Keyboard Pro, Generalscan SDK Demo, Generalscan OTA Tools, Generalscan iCode, G-Service |
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DECODE RANGES

| | |
|-------------------|-----------------|
| 5 mil Code 39 | 61.0 - 241.0 MM |
| 5 mil Code 128 | 71.0 - 229.0 MM |
| 6.6 milPDF417 | 61.0 - 203.0 MM |
| 10 mil DataMatrix | 74.0 - 216.0 MM |
| 100% UPC-A | 46.0 - 495.0 MM |
| 15 mil QR Code | 30.0 - 292.0 MM |
| 20 mil QR Code | 30.0 - 356.0 MM |

GENERALSCAN

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