

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 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 107,639lux (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



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

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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