GENERALSCAN

GS R3522 Ruglove MK III Barcode Scanner

Long working hours effectively reduced downtime

The 600mAh large-capacity battery supports up to 21 hours of use at a scanning frequency of 5 seconds. With this long working time, there's no need for frequent recharging, meaning tasks can proceed without interruption. This is especially critical in fast-paced environments like warehouse, logistics hubs, and retail stores, significantly improving workflow continuity and overall productivity.

Global shutter ensures scanning accuracy and reliability

Global shutter can capture all pixels simultaneously, ensuring a distortion-free image. This is especially important for scanners, as visual artifacts such as wobble, tilt, and spatial aliasing caused by line-by-line exposure can be eliminated, improving scanning accuracy and reliability.

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.

ACCESSORIES

Bluetooth Dongle	Battery Charger	Battery Charger	Armband	Ruglove MK III + Trigger
GS GDA201	GS GCR202(8-slot)/203(16-slot)	GS GCR201(Dual-Slot)	(AB1800)	

PRODUCT SPECIFICATION
Wearable Barcode Scanner GS R3522

PHYSICAL PARAMETER

Dimensions	64.8mm(L) × 34.6MM(W) × 24.8mm(H)
Weight	37.0g(Scanner body)
Battery Capacity	600mAh
Charging	5V⎓ 1A
Charging Time	120min
Battery Life	21h(scan once in 5 seconds)
Notification	LED, Buzzer, Vibration

PERFORMANCE CHARACTERISTICS

Optical Resolution		1280 x 800 pixels
Shutter Type		Global shutter
Sensor		2D CMOS Image
Skew, Pitch & Roll		Skew tolerance: ±60° from normal
		Pitch tolerance: ±60° from normal
		Roll tolerance: 360° from normal
Illumination		Warm White LED
Aiming		Red LED
Supported Symbologies	1D:	Code39, Code128, Code 39 full ascii, Trioptic Code39, Code 32, UPC-A, UPC-E, UPC-E1, UPC-E+, UPC-A+, EAN8/JAN8, EAN13/JAN13, Bookland EAN/ISBN, MSI, Codabar, Code11, Interleaved 2 of 5, Industrial 2 of 5, Chinese 2 of 5, Matrix 2 of
	2D:	5, ISBT, GS1 Databar14, GS1 Databar Limited, GS1 Databar Expanded, GS1-128, Code93 PDF417, Micro PDF417, QR Code, DataMatrix, Micro QR, Hanxin, Grid Matrix, Aztec, Maxicode, GS1 QR, GS1 DataMatrix, GS1 Combosite(CC-A/CC-B/CC-C)
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 100,000lux (direct sunlight)
Operating Temperature	-10°C~50°C
Storage Temperature	-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)	±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

3 mil Code 39	60.0 - 190.0 MM
5 mil Code 39	30.0 - 310.0 MM
5 mil QR Code	85.0 - 120.0 MM
13 mil EAN13	45.0 - 520.0 MM

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