GENERALSCAN

GS R3521 Ruglove Barcode Scanner

Metal frame structure
With this delicate design, the PCBA is protected from drops and bumps due to the metal protective frame, which ensures reliable operation. Passed the 1 meter 20,000 times rolling test, the performance is reliable.

Shell material is Hard
The hardness of shell(ABS+PC material) has been greatly improved, is impact-resistant, tensile-resistant, and meets enterprise-grade standards. The imager window(acrylic material) has high strength and strong light transmission.

Scan engin, Zebra SE4107
Bright, rectangular illumination field and LED aiming spot makes scanning more fast and easy. White illumination easily captures color barcodes.

Long battery life
600mAh large-capacity battery, up to 14 hours of use. The battery can be replaced quickly, and it is equipped with dual-charge and multi-charge chargers. Up to 16 batteries can be charged at the same time to ensure continuous work in multiple shifts.

Ruglove Wear
Ergonomically designed, it is still comfortable to wear for a long time. With Ruglove, workers can choose and decide to use left or right hand to work and swap scanning hands on the fly.

Wide applicability
High-quality scanning for printed and mobile barcodes.It can capture virtually any barcode printed on paper labels or displayed on mobile phones. Support HID, SPP, BLE three transmission protocols. Support two modes of classic bluetooth and low energy bluetooth. USB mode supports keyboard and virtual serial port, adapting to various application interfaces.

Application fields
The scanner can be widely used in manufacturing, warehousing, logistics, retail and express transportation, and has incomparable advantages in improving production efficiency 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 R3521

PHYSICAL PARAMETER

Scanner Dimensions	64.8mm(L) × 34.6mm(W) × 24.8mm(D)
Scanner Weight	39.2g(Scanner body)
Battery Capacity	600mAh
Charging	5V⎓1A
Charging Time	120min
Battery Life	12.9h(scan every 5 seconds)
Notification	LED, Buzzer, Vibration

PERFORMANCE CHARACTERISTICS

Optical Resolution		1280 x 960 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
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
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 107639lux (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 minute.
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	61.0 - 241.0MM
5 mil Code 128	71.0 - 229.0MM
6.6 milPDF417	61.0 - 203.0MM
10 mil DataMatrix	74.0 - 216.0MM
100% UPC-A	46.0 - 495.0MM
15 mil QR Code	30.0 - 292.0MM
20 mil QR Code	30.0 - 356.0MM

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