GENERALSCAN

GS R1522 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.

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.

Suitable for standard distance scanning
The GS R1522 is the first option for the standard scan distance, when we scan 20mil Code39 barcode, the nearest distance is 71mm, the farthest distance is 747mm.

Scan engin, Honeywell N4680
The contrast of white light is high, and it has more advantages in recognition. 640×480 resolution, fully meet most daily scanning needs. Global shutter, more accurate and faster barcode recognition for mobile scanning scenes.

Wide applicability
GS R1522 supports two modes of classic bluetooth and low energy bluetooth. Support HID, SPP, BLE three transmission protocols. 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

Silicone Glove+Trigger

Armband
AB1800

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 R1522

PHYSICAL PARAMETER

Scanner Dimensions	66.54mm(L) × 34.73mm(W) × 25.16mm(D)
Scanner Weight	28.3g (Scan body)
Battery Capacity	600mAh
Charging	5V ⎓1A
Charging Time	120min
Battery Life	12.8 hours (scan every 5 seconds)
Notification	LED, Buzzer, Vibration

PERFORMANCE CHARACTERISTICS

Optical Resolution		640×480 pixels
Shutter		Global Shutter
Sensor		2D CMOS Image
Skew, Pitch & Roll		Skew tolerance: ±50° from normal
		Pitch tolerance: ±50° from normal
		Roll tolerance: 360° from normal
Field of View		Horizontal 20°, Vertical 15°
Illumination		White LED
Aiming		Red LED
Supported Symbologies	1D:	Codabar,Code39,Trioptic,Interleaved2 of 5,FEBRA-BAN, NEC 2 of 5,Code 93,Matrix 2 of 5, Code 11,Code 128, Telepen,UPC-A,UPC-E0,UPC-E1,EAN/JAN-13,EAN/JAN-8, MSI,GS1 DataBar,Codablock A,Codablock F
	2D:	PDF417,Macro PDF417,GS1 Composite Codes,GS1 Emulation,TLC39, QR,DotCode,Digimarc Barcode,Dta Matrix, Grid Matrix,Maxicode,Aztec,Han Xin,Postal
Interface		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 100000lux (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

5 mil Code 39	45.0 – 180.0MM
10 mil Code 39	36.0 – 360.0MM
20 mil Code 39	71.0 – 747.0MM
5 mil Code 128	56.0 – 158.0MM
10milCode 128	33.0 – 321.0MM
20milCode 128	53.0 – 598.0MM
100% UPCA	46.0 – 390.0MM
7 mil PDF417	55.0 – 163.0MM
10 mil PDF417	42.0 – 247.0MM
20 mil PDF417	81.0 – 490.0MM
7 mil QR	70.0 – 125.0MM
10 mil QR/Data Matrix	40.0 – 182.0MM
20 mil QR	36.0 – 367.0MM

GENERALSCAN

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