

GS R3523 Ruglove Barcode Scanner

Red cross laser aiming boosts efficiency

Red cross laser aiming enhances scanning precision by helping users quickly align with the barcode. Its strong visibility across different surfaces reduces human error and boosts overall scanning speed, leading to a smoother user experience.

Extended operation time minimizes interruptions

With a 600mAh high-capacity battery, the R3523 can operate for up to 21 hours at a 5-second scanning interval. This extended usage time minimizes the need for frequent charging, making it ideal for high-demand environments like warehouses, logistics centers, and retail operations.

Sturdy and Flexible Gloves Tailored for Demanding Work Settings

The gloves come with either silicone straps or Lycra straps. Both options are long-lasting, with the silicone strap being particularly suitable for cold work settings. In such environments, workers can wear the Ruglove scanner over their existing gloves. This not only enables scanning of barcodes but also provides added warmth and protection for the hands in cold conditions. In addition, both gloves are available in left-hand and right-hand versions, allowing workers to choose to operate with their left or right hand and quickly switch between left and right hands.

White illumination contributes to scanning reliability and user comfort

Thanks to natural white illumination, R3523 delivers clearer and more accurate reads, even under harsh ambient lighting. This results in better scanning reliability and a more comfortable user experience.

Wide applicability

The R3523 is powerful enough to recognize virtually all 1D and 2D barcodes, in both black and white and color. It is compatible with three transmission protocols: HID, SPP and BLE, and supports both classic and low-power Bluetooth modes. In addition, in USB mode, it offers keyboard emulation and virtual serial port options, making it adaptable to a wide range of systems and application interfaces.



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 R3523

PHYSICAL PARAMETER

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

PERFORMANCE CHARACTERISTICS

Optical Resolution	1280 x 800 pixels
Shutter	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	White LED
Aiming	Red Cross Laser
Supported Symbolologies	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 5, ISBT, GS1 Databar14, GS1 Databar Limited, GS1 Databar Expanded, GS1-128, Code93 2D: PDF417, Micro PDF417, QR Code, DataMatrix, Micro QR, Hanxin, Grid Matrix, Aztec, Maxicode, GS1 QR, GS1 DataMatrix, GS1 Composite(CC-A/CC-B/CC-C)
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 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 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


3.3 mil Code 39	110.0 - 190.0MM
5 mil Code 39	80.0 - 310.0MM
5 mil QR Code	40.0 - 390.0MM
13 mil EAN13	60.0 - 700.0MM
10 mil DataMatrix	90.0 - 270.0MM
6.7 mil PDF417	110.0 - 260.0MM

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