

GS R1 120 Ruglove MK III Barcode Scanner



Ready to Go Straight Out of the Box

Workers can visualize how to wear the MK III glove without any special training. The wrist and index finger straps are adjustable, so the MK III fits virtually any hand size, eliminating the needs to order different sized gloves or manage multiple gloves.

Maximum ROI with Multiple Replaceable Parts

Every component of the Ruglove Mark III scanner (removable batteries, triggers, and gloves) is replaceable and they are compatible with all Generalscan scanners, minimizing replacement costs and maximizing return on investment.

Prevent the Spread of Germs with Easily-Changed Comfortable Glove

Since the glove is the only part of this wearable device that touches skin, we created the two-piece design that separates the glove from the scanner body, providing the option to give each worker their own glove. Additionally, the material of the glove is soft enough to provide comfortable fit.

The Most Robust Design in Its Class

Both the external structure and internal structure of Generalscan scanners are rugged enough to meet the needs of heavy duty environment. The hardness of shell and imager window has been greatly improved, while the PCBA inside is protected by the aluminum alloy frame. These are all contribute a lot to withstand drops and bumps from high, ensuring reliable operations.

Scan Engine, Zebra SE965HP

Best-in-class scanning performance, providing professional solution for 1D barcodes decoding, and decode virtually all the 1D barcodes. Scanning frequency is up to 104 times per second, and decoding speed is lower than 60 milliseconds. Even in poor lighting environment, the scanning performance is almost the same.

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 R1120

PHYSICAL PARAMETER

Dimensions	3.0in.(L) x 1.4in.(W) x 1.0in.(H) 75.07mm(L) x 34.73mm(W) x 25.16mm(H)
Weight	33g(Scanner body)
Battery Capacity	600mAh
Charging	5V $\overline{\text{---}}$ 1A
Charging Time	120min
Battery Life	15.4h(scan once in 5 seconds)
Notification	LED, Buzzer, Vibration

PERFORMANCE CHARACTERISTICS

Optical Resolution	0.0015in. minimum element width
Sensor	Laser
Skew, Pitch & Roll	Skew tolerance: $\pm 40^\circ$ from normal Pitch tolerance: $\pm 65^\circ$ from normal Roll tolerance: 35° from normal
Field of View	47° wide, 10° medium, 10° narrow
Scan Element	a resonant single line (650nm laser)
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
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 128	30.5 - 195.6MM
5 mil Code 39	30.5 - 317.5 MM
7.5 mil Code 39	27.9 - 469.9MM
10 mil Code128	30.5 - 482.6 MM
100% UPC-A	40.6 - 685.8 MM
15 mil Code 128	25.4 - 749.3MM
20 mil Code 39	35.6 - 1320.8 MM
55 mil Code 39	86.4 - 2540.0 MM
100 mil Code 39	609.9 - 5181.6 MM

GENERALSCAN



Generalscan Inc.

 200 Buckelew Ave, Jamesburg,
NJ 08831, USA
 +1 732 895 6821



Generalscan Electronics GmbH

 Hochstraße 42, 52525
Heinsberg Germany
 +49 1516 7161256

Generalscan LLC

 Calle San Luis Potosi 51,
Roma Norte 06700,
Ciudad de México
 +52 5552727861

GENERALSCAN ELEKTRONIK VE TEKNOLOJİ SAN. VE TİC. LTD. ŞTİ.

 FSM Mah. Siir Sk. Relux Plaza No 10,
Ümraniye 34764,
İstanbul, Turkey
 +90 542 478 5873