

# GS R1120 Handheld Barcode Scanner

## All day comfort that workers can count on

The ergonomic designed grip provides maximum comfort, even in the heavy-duty scanning environments, which reduced greatly user fatigue and increased productivity.

## The Flexgrip is easy to assemble and clean

The scanner is very easy to assemble on the flexgrip, just press and release the latch, the scanner and the flexgrip will be fixed together. Because of the small size, it is also very easy to clean.



## Best for medium and long-range scanning

GS R1120 offers best-in-class scanning performance, scanning range. Users can scan barcodes of 100% UPC-A at near of 40.6mm and as far as 685.8mm - the widest working range in this class.



## Scan engine, Zebra SE965HP

GS R1120 is a professional solution for scanning 1D barcodes. The scan frequency is up to 104 times per second with decoding less than 60 milliseconds. It supports almost all the 1D barcodes.

## Wide applicability due to 2 BT modes and 3 transfer protocols

GS R1120 supports two kinds of transfer modes of classic Bluetooth and BLE and three kinds of transfer protocols of HID, SPP, BLE and USB mode of GS R1120 supports keyboard and virtual ports, which combined widely with interfaces of most applications.

## Application fields

GS R1120 widely used in manufacturing, warehouse, logistics, retails and transportation. It has unparalleled advantages in production efficiency and accuracy.

## ACCESSORIES



**Bluetooth Dongle**  
(GDA201)



**Battery Charger**  
GS GCR202(8-slot)/203(16-slot)



**Battery Charger**  
Dual-Slot Battery Charger



**Armband**  
(AB1800)



**Flexgrip**  
(GHR201)

## PRODUCT SPEC SHEET

### Handheld Barcode Scanner GS R1120

#### PHYSICAL PARAMETER

Scanner Dimensions	75.1MM(L) × 34.7MM(W) × 25.2MM(D)
Scanner Weight	33g (scan body)
Handle Dimensions	166.5MM(H) × 48.7MM(W) × 83MM(D)
Handle Weight	146.5g
Battery Capacity	600mAh
Charging	5V⎓1A
Charging Time	120min
Battery Life	15.4 hours (scan every 5 seconds)
Notification	LED, Buzzer, Vibration

#### PERFORMANCE CHARACTERISTICS

Optical Resolution	0.0015in. minimum element width
Sensor	Laser
Skew, Pitch & Roll	Skew tolerance: ±40° from normal Pitch tolerance: ±65° 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 Scanner: USB, Bluetooth
Interface	Handle: RJ45
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

#### 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 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 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 MM
100 mil Code 39	609.6 – 5181.6 MM

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