GENERALSCAN

GS R5523 Flexgrip Barcode Scanner

Scan engine, Honeywell N6803

The engine N6803 takes the reading range required in warehouse and distribution centers to new heights. Its dual lens architecture and rapid switching mechanism between near and far distances eliminate the need for refocusing, saving valuable time. The Smart Adaptus™ 8.0 technology integrated in GS R5523 extends the single lens read range of standard range optics and dual lens design for simultaneous close and far image capture. Reads barcodes from 6CM to 10M.

Features with Honeywell decoding solution-GEN8 DB

Equipped with ultra-powerful processor, combining with comprehensive barcode symbology support, the GEN8 DB delivers superior decoding performance for all barcode types and beyone. GEN8 DB has 1.2GHz dual processor and 4x memory speed, enables near-term and future application flexibility over the total cost of ownership, further providing flexibility tailored to changing development needs.

Durable and Rugged for All-Day, Every-Day Use

GS R5523 is dual-tested for durability–drop and tumble. Multiple drop it on concrete from 4.9ft./1.5M, tumble it from 3.3ft./1M with frequency of 10 times per minutes for 20,000 times, GS R5523 is engineered for durability and uptime.

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

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

Maximum replaceable parts bring minimize downtime

The removable and swappable sanner body and battery minimize the entire time of reassembly process. Furthermore, the one-second swappable battery makes sure scanners have virtually no downtime. There is no need to worry about dead battery to influence your daily working any more.

ACCESSORIES

| **Bluetooth Dongle**
(GDA201) | **Battery Charger**
GS GCR208(8-slot)/203(16-slot) | **Battery Charger**
Dual-Slot Battery Charger | **Armband**
(AB1800) | **Flexgrip**
(GS GHR201) |

PRODUCT SPEC SHEET
Handheld Barcode Scanner GS R5523

PHYSICAL PARAMETER

Scanner Dimensions	70.00MM(H) × 36.00MM(W) × 26.80MM(D)
Scanner Weight	38.7g (scan body)
Handle Dimensions	166.5(L) x 48.7(W) x 83(D)mm
Handle Weight	146.5g
Battery Capacity	600mAh
Charging	5V⎓1A
Charging Time	120min
Battery Life	8 hours (scan every 5 seconds)
Notification	LED, Buzzer, Vibration

PERFORMANCE CHARACTERISTICS

Optical Resolution	Near: 1920 pixel x 1200 pixel Far: 1280 pixel x 800 pixel
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
Field of View	Near:48°(H)x21°(V) Far:20°(H)x12°(V)
Illumination	White LED
Aiming	Red Laser
Supported Symbologies	1D: Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, UPC-A, UPC E, UPC-A/EAN-13 with Extended Coupon Code, Coupon GS1 Code 32(PARAF), EAN-UCC Emulation
	2D: Codablock A, Codablock F, PDF417, MicroPDF417, Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible (Han Xin), Grid Matrix, Dot Code
	Postal: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet
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

USER ENVIRONMENT

Ambient Light	Max 100,000lux (direct sunlight)
Operating Temperature	-10°C~50°C
Storage Temperature	-10°C~50°C
Humidity	5% - 85% non-condensing
Drop Spec.	Survive from 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.
IP Level of Glove	Washable
Electrostatic Discharge (ESD)	±8kv DC discharge, ±15kv air discharge
Certificates	CE, FCC, TELEC, RoHS, NOM, IFT, PSE, IEC 62133 EU Battery Directive, US Public Law 104-142

SOFTWARE SUPPORT

Generalscan Keyboard Pro, Generalscan SDK Demo, Generalscan OTA Tools, Generalscan iCode, G-Service

DECODE RANGES

5 mil Code 39	137 - 396 mm
7 mil PDF	137 - 415 mm
10 mil Code 128	90 - 1399 mm
10 mil QR Code	128 - 412 mm
13 mil UPC	68 - 1690 mm
20 mil Code 39	88 - 2848 mm
55 mil Code 39	— - 5912 mm
100 mil Code 39	— - 9849 mm

GENERALSCAN

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