

# GS M52R Mobile Computer

AN IDEAL TOOL OF EFFICIENCY AND ACCURACY, ESPECIALLY FOR ELECTRONICS INDUSTRIES

GS M52R announces the ending of days that scan each barcode one at a time. The capture ability and flexibility of RFID contributes much more on the efficiency and accuracy that GS M52R has. With GS M52R, workers do not need to juggle different devices to capture RFID tags and barcodes, it captures both 1D and 2D barcodes. The expanded working range and wide VOF allow workers to scan barcodes near and far.



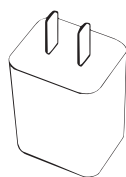
## More advanced features:

- Authorized with the latest decoding technology and Algorithm
- 20 grades of illumination contribute much to different scan environments
- Supports VGA and megapixel version
- The overall structural design ensures the lightness and thinness of the body
- IP65, waterproof, dustproof, shockproof

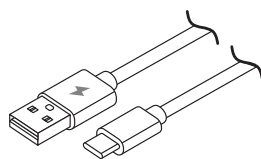
### OPTIONAL ACCESSORIES



Quick User Guide



Power Adapter



USB Type-c Cable

# PRODUCT SPECIFICATION

## GS M52R Mobile Computer

### PHYSICAL PARAMETER

Demension	155mm(L) x 59.6mm(W) x 33.7mm(H)
Weight	263g with battery
Keypad	21-key numeric keypad, right&left scan key, power key
Voice and Audio	Two microphones with noise cancellation; vibrate alert; speakers

### BASIC FEATURES

Operation System	Android 9
CPU	Quad core, 2.0 GHz
Display	2.8 in.; IPS; QVGA 320+240 pixels; Sunlight viewable capacitive screen
Memory	RAM: 2GB; Flash: 16GB
Primary Camera	Main camera autofocus, 8 million pixels, photoflash
Battery/Charger	4600mAh, integrated; 5V $\square$ 2A Adaptor
Interface Ports	USB 2.0, Type-C, charging/data, bottom charging interface
Light Indicator	Red light on when scanning; Green light indicates decoding succeeded; Red light remains on indicates low battery; Charging: Red indicates charging; Green indicates fully charged; Green light remains on indicates missed call and unread message

### RFID FUNCTION

Protocol	EPCglobal UHF Class 1 Gen 2 / ISO 18000-6C
Working Spectrum Range	902 ~ 928MHz
Output Power	18 ~ 26dBm
Inventory Tag Peak Speed	> 50 pieces/second
Antenna	2dBi Circular Polarization Ceramic Antenna
RFID Reading Distance	1m to 3m

### RF SPECIFICATION

WLAN	IEEE 802.11 a/b/g/n/ac 2.4G/5G
Bluetooth	BT 5.0/BLE

### CERTIFICATION

CCC,SRRC, FCC, CE

### OPTIONAL ACCESSORIES

User Guide, Adaptor, USB data-transfer cable, Resource Download Card

### NFC SPECIFICATION

Frequency	13.56MHz NFC
NFC Reading Distance	0-5cm
NFC Smart Tag	ISO 14443 A/B, ISO 15693, MIFARE

### PERFORMANCE CHARACTERISTICS

Optical Resolution	640 x 480 pixels
Sensor	2D CMOS
Field of view	48° Horizontal x 34° Vertical
Illumination	White LED
Aiming	LED Red
Supported Symbologies	1D: Code39; Code128; Code 32; Codabar; Code 93; UPC-A; UPC-E; EAN8; EAN13; MSI; GS1-128 2D: Aztec Code; China Han Xin Code; Data Matrix; Maxi-Code; Micro QR Code; QR Code; Digimarc Postal Code: Australian Post; British Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Post-net; Royal Mail Code(RM4SCC)

### USER ENVIRONMENT

Operating Temperature	-25°C ~ 50°C
Storage Temperature	-30°C ~ 70°C
Humidity	5%-95% non-condensing
Drop Spec.	Drop from 1.2m on concrete, 3 times on each side
Tumble Spec.	300 hits of 0.5m tumble
IP level	IP65
ESD	± 8 kv contact discharge, ± 15 kv air discharge,

### DECODE RANGES

Resolution (Maximum)	1D linear: 4 mil Data Matrix: 7.5 mil PDF417: 6.6 mil
5 mil Code 39	50 mm - 190 mm
10 mil Datamatrix	50 mm - 130 mm
13 mil EAN-13	40 mm - 330 mm
20 mil Code 39	90 mm - 460 mm

### SOFTWARE SUPPORT

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

# 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