

# 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

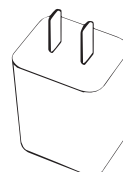
## PACKING & ACCESSORIES



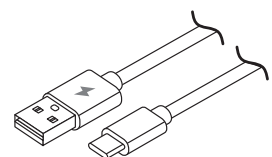
Protective Case



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---2A Adaptor  |
| Interface Ports  | USB 2.0, Type-C, charging/data, bottom charging interface   |
| Light Indicator  | Red light on when scanning;<br>Green light indicates decoding succeed;<br>Red light remains on indicates low battery;<br>Charging: Red indicates charging;<br>Green indicates fully charged;<br>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

### PACKAGING & ACCESSORIES

User Guidex1, Adaptorx1,USB data-transfer cabledx1

### 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; code 128; code 32; codabar; code 93; UPC-A; UPC-E; EAN8; EAN13; MSI; GS1-128<br>2D: Aztec Code; China Han Xin Code; Data Matrix; Maxi-Code; Micro QR Code; QR Code; Digimarc<br>Postal Code: Australian Post; British Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; 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<br>Data Matrix: 7.5 mil<br>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