

# 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

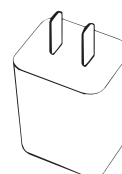
## PACKING & ACCESSORIES



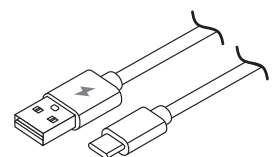
Protective Case



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;<br>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 succееed;<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 cablex1

#### 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;<br>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; Post-net; Royal Mail Code (RM4SCC) |

#### USER ENVIRONMENT

|                      |                                                  |
|----------------------|--------------------------------------------------|
| OperatingTemperature | -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

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