

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; Green light indicates decoding succeed; 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
WWAN	GSM: 900/1800 WCDMA: B1/B8 FDD_LTE:B1/3/5/7/8/20 TDD_LTE:B38/39/40/41

CERTIFICATION

CCC,SRRC, FCC, CE

NFC SPECIFICATION

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

PACKAGING & ACCESSORIES

User Guidex1, Adaptorx1,USB data-transfer cabledx1

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; MaxiCode; Micro QR Code; QR Code; Digimarc Postal Code: Australian Post; British Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; 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 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

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