

# M52 Supreme Slim PDA



## COMMUNICATION PERFORMANCE

- a) 4G LTE, Global Band
- b) 802.11 ac/a/b/g/n
- c) Bluetooth 5.0, low power, long distance, perfect matching wireless printer

## INDUSTRIAL PROTECTION

- a) IP54 industrial protection
- b) Optimized structure for battery to ensure slim form factor

## SCANNING PERFORMANCE

- a) New generation slim 2D imager scan engine
- b) Support VGA and Megapixel versions
- c) Licensed **DATALOGIC** decoding technology

## UNIQUE PRODUCT CHARACTERISTICS

- a) Quad Core processor, long life cycle
- b) Android 9 O/S with GMS ( Without GMS, can be upgraded to Android 10 O/S)
- c) Large battery capacity but refined power consumption, 3 hours charging time but 12 hours working duration, 22 days standby duration
- d) Medical-grade temperature sensor chip, supreme accuracy
- e) **The RFID (Optional feature)** has superior reading performance and sensitivity, capable of reading with high accuracy and long distance label reading
- f) Free to install AppLock, Easy Deploy and other system management software for efficient management and deployment

## PRODUCT SPECIFICATION

M52 Specifications	
OS	Android 9 O/S with GMS ( In case no GMS, can be upgraded to Android 10 O/S)
CPU	Quad Core, 1.8GHz, 12nm
MEMORY	1+8 / <b>2+16 (Optional)</b>
SIM/eSIM	nano SIM
	eSIM(option version)
PC Communication	USB 2.0 OTG: Type-C; Support TYPE-C Headset
Charging Time	<3 hours(Room Temperature)
Operation Duration	12 hours
Data Collection	
Scan Engine	E3200
NFC(2.0 version)	<b>13.56MHz NFC (Optional)</b>
Temperature Measurement (specific version)	Melexis MLX9061 (Medical-grade)
	±0.2°C error

RFID(RFID version)	1m to 3m distance
	independent 2000mAh battery
<b>Wireless Connectivity</b>	
WLAN	802.11 ac/a/b/g/n
WWAN	TDD-LTE (B38/B39/B40/B41)
	FDD-LTE (B1/B3/B7/B8/B20)
	UMTS/HSDPA/HSPA/HSPA+ (900/2100 MHz)
	GSM/EDGE/GPRS (900/1800MHz)
WPAN	BT 5/BLE
GPS	GPS/A-GPS, GLONASS, Beidou, Galileo
<b>Physical Specifications</b>	
LCD	2.8 inch, QVGA,IPS
Touch	GFF Captive Touch, Dragontrail Glass
Camera(2.0 version)	Auto focus 8 Mega, with flash LED
Keypad	0-9 Numeric Key, Mode Switch Key, Direction Key, Scan Key
	Left and right Scan Key, Power Key
Speaker	Min 90db at 10cm-1KHz Voice
Charging IO	USB type-C
	Charge Pads
Battery	2700mAh, non-removable
	4500-4700mAh, non-removable, RFID version
Dimension	155mm x 58mm x17mm
Weight	170g
LED	Yes

Vibrator	Yes
<b>Environmental Specifications</b>	
Operation Temperature	-20°C ~ +50°C
Storage Temperature	-30°C ~ +70°C
Humidity	10% ~ 90%
Drop	1.2m
Tumble	300hits, 0.5m, Steel
IP	IP54
ESD	±8kV Contact, ±15kV Air
Keypad lifecycle	300K
<b>Accessories</b>	
Rubber Boot	Yes
Charging Cradle	Support independent device or RFID charging
<b>Gift Box</b>	
Gift Box	Device, QSG, Adapter, USB cable, Rubber Boot