

P500M9-DMR

5" Multi-mode PoC Radios



KEY FEATURES

- 5" 1280 x 720 Resolution
- CortexA73 + CortexA53 (Octacore up to 2.0 GHz)
- IP65 waterproof and dustproof
- Support DMR and optional VHF / UHF Radio
- Optional NFC function
- Optimized Mechanism Design for handheld

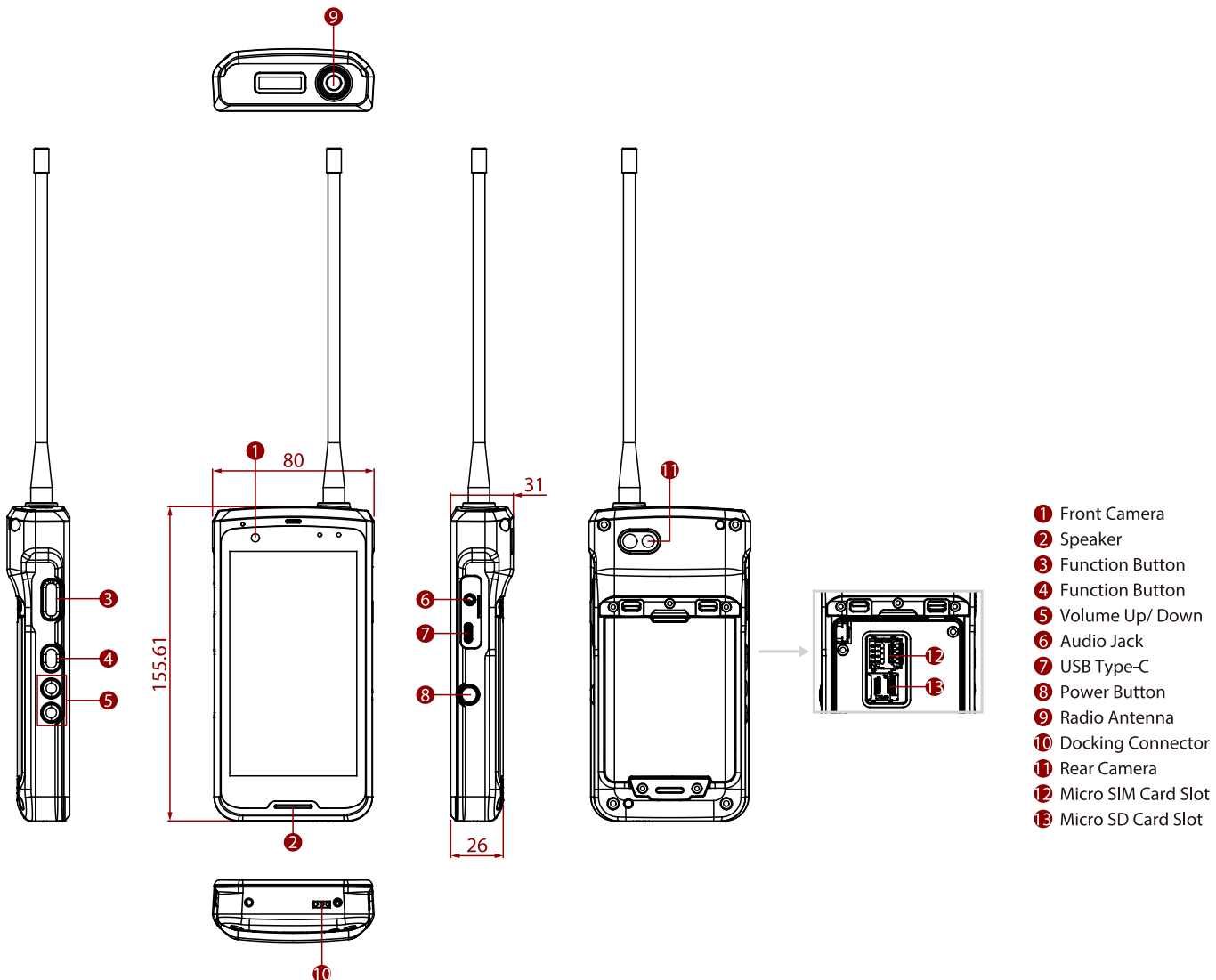


SPECIFICATIONS

Display			
Resolution	1280x720	Size	5.0 inches
Contrast Ratio	800:1	Panel Brightness	500 nits
View Angles	80,80,80,80	Type	Projected Capacitive Multi Touch
Touch Mode	Support Hand / Gloves and Rain Mode	Bonding	Optical Bonding for Sunlight Viewability
System Specification			
Processor	ARM A73 x 4 (2.0 GHz) + A53 x 4 (2.0 GHz)	Memory	4GB
Storage	64GB	Operating System	Android 11.0
WLAN	Support	BT	Support
WWAN	4G/LTE (Optional)	GNSS	GPS/AGPS
RFID	NFC (Read / Write, Peer to Peer mode) (Optional)	Sensors	Ambient Light Sensor, E-Compass, Gyro, Acceleration Sensors
Camera			
Front Camera	8MP Camera	Rear Camera	13MP Camera with LED Auxiliary Light (Auto Focus)
Mechanical			
Dimension	155.61 x 80 x 26 mm	Weight	350g
IO Ports			
USB Port	1 x USB Type C OTG (support PD 2.0 charging)	SD Card Slot	1 x Micro SD Card Slot
SIM Card Slot	1 x Micro SIM Card Slot	Audio	1x Audio Jack 2 x Builtin Mic 1 x Speaker 1 x Receiver
Indicator	1 x LED Indicators (Power, Battery)	Docking Connector	1 x Docking Connector
Environment			
Operating Humidity	5% to 95% RH, Non-Condensing	Operating Temperature	-20°C to 60°C
Storage Temperature	-30°C to 70°C	Shock	MIL-STD-810H Method 516.8 Procedure I
Vibration	MIL-STD-810H Method 514.8 Procedure I	IP rating	IP65
Drop	MIL-STD-810H Method 516.8, 4 ft		

Certification			
Certification	CE, FCC		
Control			
Button	1 x Volume +/-, 1 x Power Button, 2 x Function Button		
Power			
Battery	7.6V 2700mAh	Battery Operating Time	8Hr
Power Rating	15V	Adapter	15V PD Adapter with USB TypeC
Security Function			
SOTI MobiControl	SOTI MobiControl Compliance		
Accessory			
Accessory	UHF/VHF Antenna Universal Adapter Battery	Optional Accessory	USB Type-C Cable Micro SD Card Charging Dock 2 bay Charging Dock 6 bay
Radio Transceiver			
Channel Spacing	DMR: 12.5kHz, Analog: 12.5/25kHz	TX Power	4W/0.5W
RX Sensitivity	≤-121dBm	Digital Vocoder Type	AMBE
Frequency Range	VHF: 136~174MHz or UHF: 400~480 MHz		

DIMENSIONS UNIT:MM



- ① Front Camera
- ② Speaker
- ③ Function Button
- ④ Function Button
- ⑤ Volume Up/ Down
- ⑥ Audio Jack
- ⑦ USB Type-C
- ⑧ Power Button
- ⑨ Radio Antenna
- ⑩ Docking Connector
- ⑪ Rear Camera
- ⑫ Micro SIM Card Slot
- ⑬ Micro SD Card Slot

NOTE

- 1.This is a simplified drawing and some components are not marked in detail.
- 2.Please contact our sales representative if you need further product information.
- 3.All specifications are subject to change without prior notice.
- 4.The product shown in this datasheet is a standard model.For diagrams that contain customized or optional I/ O, please contact the Winmate Sales Team for more information.