

# P400M9-DMRBH

## 4" Multi-mode PoC Radio with Barcode Reader



### KEY FEATURES

- Multi-mode PoC Radios
- Cortex-A73 + Cortex-A53 (Octa-core up to 2.0 GHz)
- 4" 800 x 480 Panel with direct optical bonding
- Supports Android 11
- Support DMR and optional VHF / UHF Radio
- Optional 1D/2D Barcode Reader for data collection

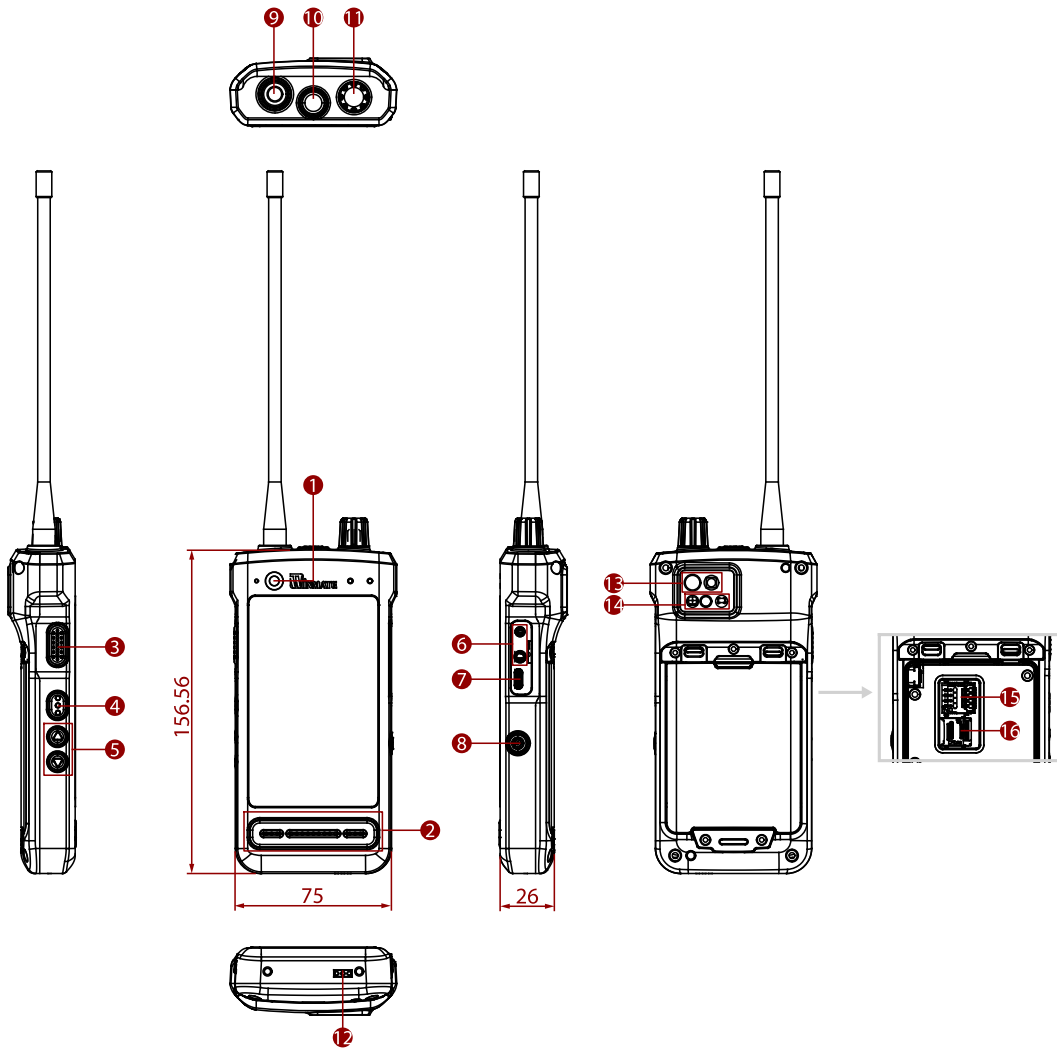


### SPECIFICATIONS

Display			
<b>Bonding</b>	Optical Bonding for Sunlight Viewability	<b>Resolution</b>	480x800
<b>Size</b>	4 inches	<b>Contrast Ratio</b>	800:1
<b>Panel Brightness</b>	400 nits	<b>View Angles</b>	80,80,80,80
<b>Type</b>	Projected Capacitive Multi Touch		
Radio Transceiver			
<b>Channel Spacing</b>	DMR: 12.5kHz, Analog: 12.5/25kHz	<b>TX Power</b>	4W/0.5W
<b>RX Sensitivity</b>	≤-121dBm	<b>Audio Power Output</b>	4W/0.5W
<b>Digital Vocoder Type</b>	AMBE	<b>Frequency Range</b>	VHF: 136~174MHz or UHF: 400~480 MHz
System Specification			
<b>Processor</b>	ARM A73 x 4 (2.0 GHz) + A53 x 4 (2.0 GHz)	<b>Memory</b>	4GB
<b>Storage</b>	64GB	<b>Operating System</b>	Android 11.0
<b>WLAN</b>	Support	<b>BT</b>	Support
<b>WWAN</b>	4G/LTE (Optional)	<b>GNSS</b>	GPS/AGPS
<b>RFID</b>	NFC (Read / Write, Peer to Peer mode) (Optional)	<b>Sensors</b>	Ambient Light Sensor, E-Compass, Gyro, Acceleration Sensors
Camera			
<b>Front Camera</b>	8MP Camera	<b>Rear Camera</b>	13MP Camera with LED Auxiliary Light (Auto Focus)
Mechanical			
<b>Dimension</b>	156.56 x 75 x 26 mm	<b>Weight</b>	310g
IO Ports			
<b>USB Port</b>	1 x USB Type C OTG (support charging)	<b>SD Card Slot</b>	1 x Micro SD Card Slot
<b>SIM Card Slot</b>	1 x Micro SIM Card Slot	<b>Audio</b>	1 x Kenwood Audio Combo connector (Mic in or Line Out) 1 x Built-in Mic 1 x Speaker
<b>Indicator</b>	1 x LED Indicators (Power, Battery)	<b>Docking Connector</b>	1 x Docking Connector

Environment			
<b>Operating Humidity</b>	5% to 95% RH, Non-Condensing	<b>Operating Temperature</b>	-10°C to 50°C (Battery mode)
<b>Storage Temperature</b>	-30°C to 70°C	<b>Shock</b>	MIL-STD-810G Method 516.6 Procedure I
<b>Vibration</b>	MIL-STD-810G Method 514.6 Procedure I	<b>IP rating</b>	IP65
<b>Drop</b>	MIL-STD-810G Method 516.6, 4 ft		
Certification			
<b>Certification</b>	CE, FCC		
Control			
<b>Button</b>	1 x Power Button, 3 x Function Button, 1 x PTT Button, 1 x SOS Button		
Power			
<b>Battery</b>	7.6V 2700mAh	<b>Battery Operating Time</b>	8Hr
<b>Power Rating</b>	12V	<b>Adapter</b>	12V PD Adapter with USB TypeC
Security Function			
<b>SOTI MobiControl</b>	SOTI MobiControl Compliance		
Accessory			
<b>Accessory</b>	Universal Adapter Battery	<b>Optional Accessory</b>	USB Type-C Cable Micro SD Card Battery Charging Dock 2 bay Battery Charging Dock 6 bay
Barcode Scanner			
<b>Barcode Scanner</b>	1D/2D Barcode Reader (Optional)		

**DIMENSIONS**    UNIT:MM



- ① Front Camera
- ② Speaker
- ③ Push to Talk Button
- ④ Function Button
- ⑤ Volume Up/ Down
- ⑥ K-Type Headset
- ⑦ USB Type-C
- ⑧ Power Button
- ⑨ Radio Antenna
- ⑩ SOS Button
- ⑪ Adjusting Knob
- ⑫ Docking Connector
- ⑬ Rear Camera
- ⑭ Barcode Reader
- ⑮ Micro SIM Card Slot
- ⑯ 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.