P400M9-DMR
4" Multi-mode PoC Radios

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
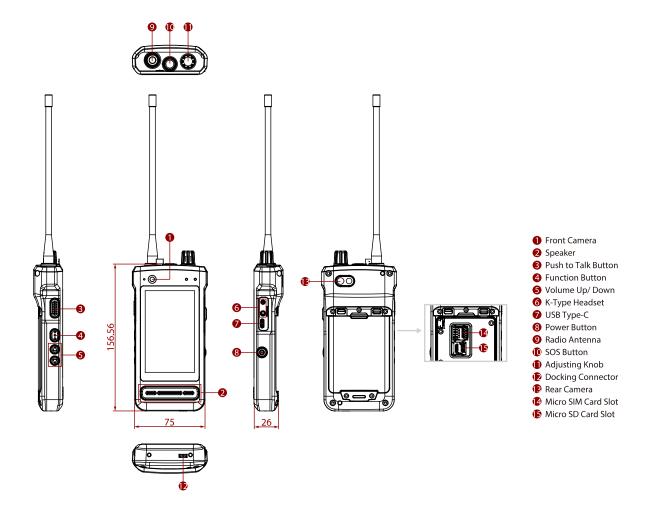- Support DMR and optional VHF / UHF Radio

SPECIFICATIONS

Display			
Bonding	Optical Bonding for Sunlight Viewability	Resolution	480x800
Size	4.0 inches	Contrast Ratio	800:1
Panel Brightness	400.0 nits	View Angles	80,80,80,80
Type	Projected Capacitive Multi Touch		

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

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		

Camera			
Front Camera	8MP Camera	Rear Camera	13MP Camera with LED Auxiliary Light (Auto Focus)

Mechanical			
Dimension	156.56 x 75 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	1 x Kenwood Audio Combo connector (Mic in or Line Out) 1 x Built-in Mic 1 x Speaker
Indicator	1 x LED Indicators (Power, Battery)	Docking Connector	1 x Docking Connector

Environment			

Operating Humidity	5% to 95% RH, Non-Condensing	Operating Temperature	-10°C to 50°C (Battery mode)
Storage Temperature	-30°C to 70°C	Shock	MIL-STD-810G Method 516.6 Procedure I
Vibration	MIL-STD-810G Method 514.6 Procedure I	IP rating	IP65
Drop	MIL-STD-810G Method 516.6, 4 ft		

Certification

Certification	CE, FCC

Control

Button	1 x Power Button, 3 x Function Button, 1 x PTT Button, 1 x SOS 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 Battery Charging Dock 2 bay Battery Charging Dock 6 bay

DIMENSIONS   UNIT:MM

❶ Front Camera
❷ Speaker
❸ Push to Talk Button
❹ Function Button
❺ Volume Up/ Down
❻ K-Type Headset
❼ USB Type-C
❽ Power Button
❾ Radio Antenna
❿ SOS Button
⓫ Adjusting Knob
⓬ Docking Connector
⓭ Rear Camera
⓮ Micro SIM Card Slot
⓯ 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.

Assured Systems

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US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660