



### Features

- High performance with Quad-Core A53 2.0GHz and Quad Core xA53 1.5GHz
- Wireless communications via Push-to-Talk (Maximum distance around 5KM)
- Multi-data capture by thermal imaging
- High resolution images with 13M camera and HD display
- Robust design with IP67 rating and 1.5m drop resistance
- Explosion proof design with ATEX II
- Applied with Google Mobile Service in Android 11 base



### System

CPU	MediaTek MT8768 Octa-core (4x Cortex A53 2.0GHz / 4x Cortex A53 1.5GHz)
Operating System	Android 11 (GMS)
Memory	4GB
Storage	64GB
Micro SD	Support SDIO 3.0 Protocol (up to 128G)

### Wireless

WLAN/WiFi	802.11 a/b/g/n/ac
Bluetooth	Class 1, Bluetooth v5.0, (BLE)
GPS/AGPS	GPS/Beidou/GLONASS (Band 900/1800;33dBm)
4G	UMTS/HSPA+ Primary FDD-LTE:1/2/3/4/5/7/8/12/17/19/20/28/ TD-LTE: 40

### Peripherals and Devices

Camera	Front: 5M with FF Rear: 13M OIS with AF
Audio	Vibrator Receiver / Speaker Mic Headphone Jack
Flash	YES
SIM	2 x Micro Sim
Torch	YES
OTG	YES
PTT	YES (Maximum distance around 5KM)
RFID	NFC Embedded(ISO 14443 Type A/B and ISO 15693)
NFC	YES
Aimer	YES
Thermal	80 x 60 Pixel Scene Dynamic Range: -10°C ~ 140°C Radiometric Accuracy: Greater of ±5°C or 5% (Typical)

\* The thermal imager is to detect the temperature difference between the target and the surroundings. The temperatures are for reference only.

### I/O Interface

Cradle Interface	VIN 9V/USB D-/USB D+/GND/5V OUT/UART TX/ UART RX/ADC/USB ID/GND
Key	Power/+/-/SOS/UD1/UD2/UL/REC/CAM/PTT

### LCD Display

Size/Type	5"HD TFT
Resolution	720(W) x 1280(H)
Brightness (cd/m <sup>2</sup> )	500cd/m2 (with TP) 25% Default
Touch Screen	5 Points Capacitive Touch (PCT)

### Power Supply

Battery Capacity	5100mAh
Charging Time	Up to 4hours
Cruising Endurability	8~10hrs

### Mechanical & Environmental

Operating Temperature	-10°C ~ 55°C
Storage Temperature	-20°C ~ 65°C
Dimensions(mm)	181.7(H) x 87.2(W) x 30.9(D) mm 274.7(H) x 87.2(W) x 30.9(D) mm (with Antenna)
Weight	531g
IP Rating	IP67
Drop	1.5m

### Certification of Explosion Protection

Certification	CE; ATEX ic IIC T5 Gc
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## Dimensions



## Ordering Information

Part No.	Description
7400600203001M	G60 Mobile Inspection Assistant integrated with the thermal imager, push-to-talk, and smartphone

## Packing Information

Part No.	Item	Description	Q'ty
691000600000M	USB Cable	Data and Charger Cable	1
2214038519000P	Rechargeable Li-ion Battery	Typical 3.8V, 5100mAh	1



## Optional Accessories

Part No.	Item	Description	Q'ty
2214038519000P	Rechargeable Li-ion Battery	Typical 3.8V, 5100mAh	1
7405000710007M	Charging Cradle	Input: 12V/2A	1
		Output: Phone DC 9V/2A	1
5490101150000M	Adapter	Battery DC 4.35V/2A	1
		Input: 100-240V~50/60Hz 0.8A Max	1
3432122000780P	Micro USB Cable	1m	1
6900005000050M	Hand Strap	132(L) x 26.5(W) mm Customized	1
2214038519000P	Rechargeable Li-ion Battery	Typical 3.8V, 5100mAh	1



All specifications are subject to change without notice. Last update: 1/9/2024

