



G60 Pro

Mobile Inspection Solution



Powered by **MEDIATEK**



Features

- High performance with Quad-Core A53 2.0GHz and Quad Core xA53 1.5GHz
- Wireless communications through Push-to-Talk (Maximum distance around 5 KM)
- Multiple data capture using thermal images
- High resolution images with 13M camera and HD screen
- Robust design with IP67 rating and resistance to drops from 1.5 m
- Explosion proof design with ATEX II
- Applied with Google mobile service on base Android 11

System

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

WWAN

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)
Wireless	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 ²)	500cd/m ² (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)x87.2(W)x30.9(D)mm 274.7(H)x87.2(W)x30.9(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 Output: Phone DC 9V/2A Battery DC 4.35V/2A	1
5490101150000M	Adapter	Input:100-240V~50/60Hz 0.8A Max Output:12V/2A	1
3432122000780P	Micro USB Cable	1m	1
6900005000050M	Hand Strap	132(L) x 26.5(W) mm Customized	1