



G60

Mobile Inspection Assistant



Features

- High performance with octa-core ARM Cortex-A53 1.3GHz CPU
- Rich wireless communications via WorldMode 4G LTE, PTT (Push-to-Talk), Bluetooth, WiFi, GPS
- Multi-data capture by thermal imaging, NFC, UHF (with UHF reader)
- High resolution images with 13M camera and HD display
- Long time operation up to 10 hrs from the battery capacity of 5100mAh
- Robust design with IP67 rating and 1.5m drop resistance



Rugged Mobile Computing

System

CPU	Octa-core ARM Cortex-A53 1.3GHz
Operating System	Android 5.x
Memory	2GB
Storage	16GB
Micro SD	Support SDIO 3.0 protocol(up to 32G)

Peripherals and Devices

Camera	Front: 2M without AF Rear: 13M OIS with AF
Sensor	Gyroscope G-sensor M-sensor Light sensor Barometer Proximity sensor
Audio	Vibrator Receiver / Speaker Mic Headphone Jack FM Radio
Flash	YES
Torch	YES
OTG	YES
NFC	YES
PTT	YES
RFID	NFC Embedded / UHF Reader Option
Aimer	YES
Thermal	80 x 60 Pixel Scene Dynamic range: -10°C ~ 140°C Radiometric accuracy: Greater of ±10°C or 10%(typical)

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

Wireless

WLAN/WiFi	802.11 a/b/g/n/ac
Bluetooth	Bluetooth 4.1+ HS
GPS/AGPS	GPS+Beidou(Default) ; GPS+Glonass(Optional)

Wireless	GSM/GPRS/EDGE (Band 900/1800) WCDMA (B1/B8) TDS-CDMA (B34/39) CDMA2000 (BC0) FDD-LTE (B1,B3) TD-LTE (B38,B39,B40,B41)
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I/O Interface

Cradle Interface	VIN 9V/USB D-/USB D+/GND/5V OUT/UART TX/ UART RX/ADC/USB ID/GND
SPI	SPI Interface
SIM card	SIM1 to MiniPCle SIM2 to MTK
Mini PCIE Interface	4G (data only)
Key	Power/+/-/SOS/UD1/UD2/UL/REC/CAM/PTT

LCD Display

Size/Type	5"HD TFT
Resolution	720(W) x 1280(H)
Brightness (cd/m²)	500cd/m2 (with TP)
Touch Screen	5 points capacitive touch (PCT)

Power Supply

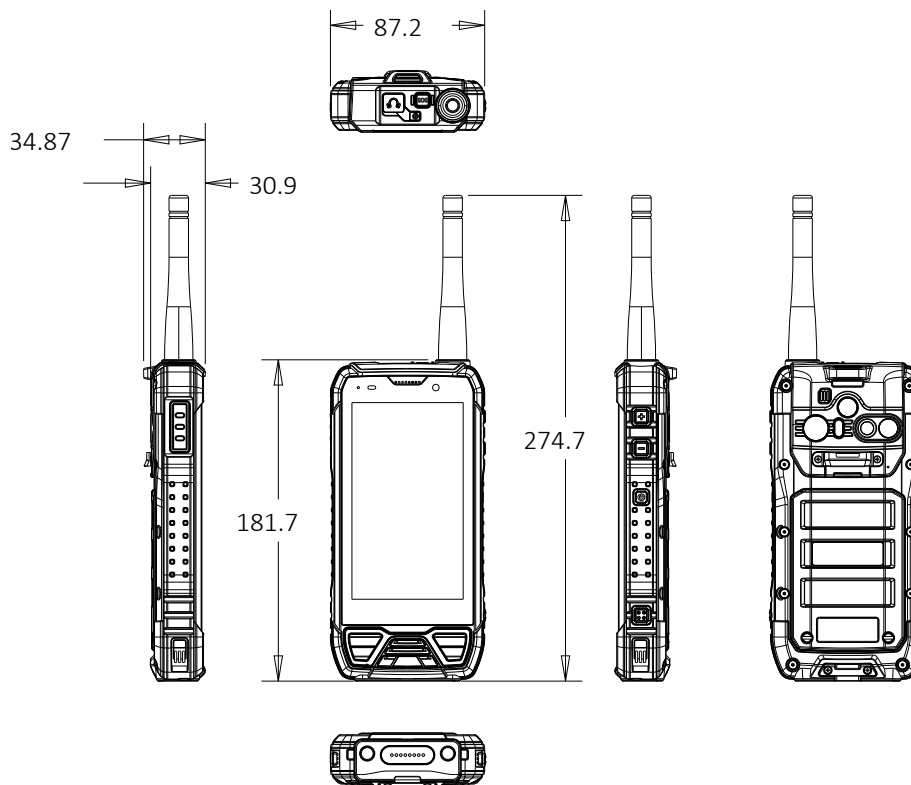
Battery Capacity	5100mAh
Charging Time	Up to 4hours
Cruising Endurability	8~10hrs

Mechanical & Environmental

Operating Temperature	-10°C ~ 55°C
Storage Temperature	-20°C ~ 65°C
Dimensions(mm)	179 (H) x 87 (W) x 30(D) mm
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

All specifications are subject to change without notice.

Dimensions



Unit: mm

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
2214038519000P	Rechargeable Li-ion Battery	Typical 3.8V, 5100mAh Input: 12V/2A	1
7405000710007M	Charging Cradle	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



Rechargeable Li-ion Battery



Charging Cradle



Adapter for UHF reader



UHF Pistol Grip



Hand Strap



Rechargeable Li-ion Battery



RJ45 Cable

Optional Accessories

Part No.	Item	Description
6910005000000M	USB-AM Cable	Customized cable with USB-AM(data) and DC(charging)
6910005000030M	RS232 Cable	Customized cable with RS232(data) and DC(charging)
6910005000040M	RS485 Cable	Customized cable with RS485(data) and DC(charging)
6910005000020M	RJ45 Cable	Customized cable with RJ45(data) and DC(charging)
7405001302008M	UHF Pistol Grip	920M UHF reader
5490120000030M	Adapter for UHF reader	Input: 100-240V~50/60Hz 0.8A Max Output: 5V/2A
6900005000050M	Hand Strap	132(L)x26.5(W) mm
2214038519000P	Rechargeable Li-ion Battery	Typical 3.8V, 5100mAh



Optional Accessories



Dimensions : 490(W) x 165(H) x 435(D) mm
Weight : 5.5 Kg



Dimensions : 350(W) x 100(H) x 290(D) mm
Weight : 2.3 Kg

Demo Kit (Large)

Item	Description	Q'ty
G60	Mobile Inspection Assistant	1
Rechargeable Li-ion Battery	Typical 3.8V, 5100mAh	2
Charging Cradle	Input: 12V/2A	1
	Output: Phone DC 9V/2A Battery DC 4.35V/2A	
Adapter for Cradle	Input: 100-240V~50/60Hz 0.8A Max	1
	Output: 12V/2A	
Micro USB Cable	1m	1
RJ45 Cable	Customized cable with RJ45(data) and DC(charging)	1
UHF Pistol Grip	920M UHF reader	1
	Input: 100-240V~50/60Hz 0.8A Max	
Adapter for UHF Reader	Output: 5V/2A	1
	Output: 5V/2A	
Hand Strap	132(L) x 26.5(W) mm	1
Earphone	-	1
Ordering Information		
Part No.	7400600204011M	

Demo Kit (Small)

Item	Description	Q'ty
G60	Mobile Inspection Assistant	1
Rechargeable Li-ion Battery	Typical 3.8V, 5100mAh	2
Charging Cradle	Input: 12V/2A	1
	Output: Phone DC 9V/2A Battery DC 4.35V/2A	
Adapter for Cradle	Input: 100-240V~50/60Hz 0.8A Max	1
	Output: 12V/2A	
Micro USB Cable	1m	1
Hand Strap	132(L) x 26.5(W) mm	1
Earphone	-	1
Ordering Information		
Part No.	7400600204021M	

