





Explosion Proof Design for Petrochemical and Electric Utility Industry

- . Android 11
- . 5" HD display
- . Push to Talk (Max 5km)
- . 5100mA Battery
- . Thermal camera
- . ATEX ic IIC T5 Gc and TS
- . IP67 / 1,5 m drops

Thermal Imager 

Walkie-talkie 

Smartphone 

Specification

Platform	CPU	MediaTek MT8768, Octa-core 2GHz Chipset
	OS	Android 11
Display	Size	5"
	Resolution	HD 1280*720
	Brightness (cd/m ²)	500
Memory & Storage	ROM	64GB
	RAM	4GB
	Expandable Memory	Micro SDIO 3.0 protocol (Up to 128 GB)
Camera	Rear Camera	13MP OIS AF and Flash
	Front Camera	5MP
	Thermal camera	80 60 Pixel, scene dynamic range -10°C to 140°C Radiometric accuracy: Greater of + - 5°C or 5% (typical)
Audio	Vibrator	yes
	connector	headphone jack
Wireless	WiFi	802.11 a/b/g/n/ac
	4G	UMTS/HSPA+ Primary Bands 1/8 LTE bands 1/2/3/4/5/7/8/12/17/19/20/28A/28A/38/39/40/41
	GPS	GPS+GLONASS+Beidou
	Walkie talkie	136-174 Mhz, 220-260 Mhz; 350-390 Mhz, 400-480 Mhz
	BT	Class 1, BT 5.0 (BLE)
	RFID/NFC	ISO 14443 Type A/B and ISO 15693
Connectors	Ear Jack	3.5mm
	USB	micro USB
	OTG	yes
	cradle interface	pogo pins
	SIM	2 micro SIM
Keys	10 keys	Power / + / - / SOS / UD1 / UD2 / UL / REC / CAM / PTT
Function	Torch	Yes
	PTT	Yes
	Aimer	Yes
Battery	Battery capacity	Removable 5180mAh, Built-in battery, support 5V 2A charging
	Talk Time	29h
	Standby Time	288h
Dimension	Size	181,7 x 87,2 x 30,9 mm / 247,7 x 87,2 x 30,9 mm with antenna
	Weight	531g
Power	Battery	5100 mA
	Charging time	up to 4 hours
	Using time	8 to 10 hours
Rugged	IP	IP67
	Drop	1,5 m
	operating temperature	-10°C to +55°C
	ATEX	ATEX ic IIC T5 Gc, TS, IECEx ic IIC T5 Gc, NEC