



# 590P

## Mission Critical LTE Handheld

### Modern | Reliable | Flexible

- Dual mic differential noise cancellation
- Radio grade speaker
- Fast charge technology
- Unique User Interface combined with Android 10
- Reinforced protective structure
- Water proof & dust resistant
- MIL-STD-810G



# Technical Specification

Processor Specifications	MTK6762V/CB, Octa Core, 2.0GHz	Memory	3GB RAM 32GB Internal Storage Storage is expandable with external 128 GB micro SD™ card
Mission Critical Buttons	Dedicated PTT Button Dedicated Emergency Button Talkgroup Switch Knob & Power Button Programmable Button Volume (Up / Down) Buttons	Sensor Platform	Ambient Light Sensor Proximity Sensor Geomagnetic Sensor Acceleration Barometer E-Compass Gyroscope
Display	3.5" 800 x 480 Capacitive touch-screen with Gorilla Glass	Battery	4000mAh Li-Ion, Removable Quick Charge via USB-C Standard Charge via Desktop Charger
Camera	Rear 13MP PDAF Camera with Flash Front 2MP FF Camera without Flash	Drop	MIL STD 810G 516.7-2008
Operating System	Android 10	Thermal Shock	MIL STD 810G 503.5-2008, Procedure I-C (-40°C to +60°C)
Band	LTE:1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 20, 25, 26, 28A, 28B, 34, 38, 39, 40, 41 UMTS:1, 2, 5, 8, 34, 39 GSM:850 MHz, 900 MHz, 1800MHz, 1900 MHz	Salt Spray	MIL STD 810G 509.5-2008
Operating Temperature	-25°C to +60°C (Battery charges between 0 - +45°C)	Random Vibration	MIL STD 810G-2008, 514.6C-V
Storage Temperature	-40°C to + 85°C	Shock (Crash Hazard)	MIL STD 810G 516.6-2008
Humidity	20 - 90%	Damp Heat	MIL STD 810G 507.5-2008 Procedure II
Wi-Fi	IEEE 802.11 a/b/g/n/ac, 2.4/5GHz	ESD Test-Gating	IEC 61000-4-2
Bluetooth	Bluetooth 5.0 Low Energy	Steel Ball Impact	IEC 62262:2002
Location, NFC	GPS, AGPS, GLONASS, BEIDOU, NFC	External Audio	Remote Speaker Microphone Common Earpiece Airtube Earphone
Audio Inputs	Two microphone solution with noise cancellation	Power	Multi Unit Charger
Audio Output	2 Watt radio grade speaker	Accessories	Travel charger Desktop charger Multi-unit charger USB cable
Dimensions (H x W x D) With Battery	152 mm x 66 mm x 28 mm 5.3 in x 2.6 in x 1.1 in	Ports	USB-C M6 multimedia interface
Weight With Battery	260g		

Products and services are continually improved. Specifications and features are subject to change without notice.