



**Telo Systems**



reddot design award

# TE590 PLUS

## Mission-critical LTE handheld device

### Technical Specifications

CORE PLATFORM/ HARDWARE	
Processor	MTK6762V/CB, Octa Core, 2.0GHz
Memory	2GB RAM
	16GB Internal Storage Storage is expandable with external 128 GB microSD™ card
Display	3.5" 800 x 480 Capacitive touch-screen with Gorilla Glass
Camera	Rear 13MP PDAF Camera with Flash Front 2MP FF Camera without Flash
Sensor Platform	Ambient Light Sensor
	Proximity Sensor
	Geomagnetic Sensor
	Acceleration
	Barometer
	E-Compass Gyroscope
Ports	USB-C
	M6 multimedia interface
Mission Critical Buttons	Dedicated PTT Button
	Dedicated Emergency Button
	Talkgroup Switch Knob & Power Button
	Programmable Button
	Volume (Up / Down) Buttons
Battery	4000mAh Li-Ion, Removable
	Quick Charge via USB-C
	Standard Charge via Desktop Charger

CONNECTIVITY	
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
Bluetooth	Bluetooth 5.0 Low Energy
WIFI	IEEE 802.11 a/b/g/n/ac, 2.4/5GHz
Location, NFC	GPS, AGPS, GLONASS, BEIDOU, NFC
AUDIO	
Input	Two microphone solution with noise cancellation
Output	2watt radio grade speaker
PHYSICAL	
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
Weight With Battery	260 g
SOFTWARE	
Operating System	Android 10
ACCESSORIES	
External Audio	Remote Speaker Microphone
	Common Earpiece
	Airtube Earphone
Power	Multi Unit Charger

### Key Features

#### Powerful core

- Exceptional 4G Band Compatibility
- Dual Mic Differential Noise Cancellation
- Radio Grade Speaker
- Upgraded SONY ISP
- Unique User Interface combined with Android 10

#### Ergonomic design

- Dedicated Push-To-Talk Button
- Dedicated Emergency Button
- Dedicated Talkgroup Knob
- Programmable Button

#### Harshest environments

- Waterproof
- Dust-Resistant
- Drop proof
- MIL-STD-810G Rugged Standards

#### Accessories suite

- Single and Multi-Unit Chargers
- Diverse Audio & Video Accessories
- Wireless Audio and PTT Control Accessories

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