



**TeloSystems**  
Bridging Communication Gap



Small Size, Big Capacity

**TeloPTT**  
**TE580**

### Smart LTE Handheld

Delivers an exceptional combination of rugged hardware, powerful software and broadband connectivity.

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# Unified Intelligence

In many cases, voice communication is not enough. The right data can be more concise while telling a more complete story.

TeloPTT TE580 smart broadband handheld integrates voice, data, and video services into a single device. It is based on the Android 5.1 OS and can access GSM\3G\4G\LTE networks to ensure the optimal coverage.

The TE580 is thus ideal for public safety, public utility, transportation and private organizations, where users can quickly collaborate and share information across organizations.



## Key Feature

- Reliable Connectivity, Supporting GSM, 3G, 4G/LTE, Bluetooth and WiFi
- 2.4" Capacitive Touch screen is outdoor readable in sunlight.
- Compact size enables one-handed operation
- Dedicated and textured PTT button provides tactile feedback for fast voice collaboration.
- M6 expansion interface fits for variety of accessories
- Removable High-capacity Battery enables the use of spares, making it easy to continue operation in the field without having to wait for recharge.
- 2W Speaker provides loud voice.
- IP67 rating to withstand dust, rain and water immersion of 1 meter for 30 minutes.
- Multiple location service, supporting GPS, BDS, GLONASS

# Technical Specification



Connectivity	Specifications
<b>Network</b>	<p><b>American Standard Version:</b> GSM: <b>B2 B5</b> WCDMA: <b>B1 B2 B5</b> FDD-LTE: <b>B2 B4 B5 B7 B12 B17</b></p> <p><b>American B28 Version:</b> GSM: <b>B2 B5</b> WCDMA: <b>B1 B2 B5</b> FDD-LTE: <b>B2 B4 B5 B7 B12 B17 B28A B28B</b></p> <p><b>Global Version</b> GSM: <b>B2 B3 B5 B8</b> WCDMA: <b>B1 B2 B5 B8</b> TDSCDMA: <b>B34 B39</b> FDD-LTE: <b>B1 B3 B5 B7 B8 B20</b> TDD-LTE: <b>B38 B39 B40 B41</b></p> <p><b>Global B28 Version</b> GSM: <b>B2 B3 B5 B8</b> WCDMA: <b>B1 B2 B5 B8</b> FDD-LTE: <b>B1 B3 B5 B7 B8 B20 B28</b></p>
<b>WIFI</b>	Operating band: <b>2.4GHz &amp; 5GHz</b> Standards: <b>802.11 a\b\g\n</b>
<b>Bluetooth</b>	Version: <b>BT v4.0 with BLE/ BT2.1+EDR</b> (Enhanced Data Rate)
<b>GPS</b>	<b>GLONASS, GPS, AGPS</b> support
Hardware	Specifications
<b>CPU</b>	ARM: <b>Mediatek MT6735V/W</b>
<b>Memory</b>	RAM+ROM: <b>1GB+8GB</b> SD Card: <b>32GB</b>
<b>Display</b>	<b>2.4" QVGA Touch Screen</b>
<b>Camera</b>	Rear: <b>8M with Auto Focus</b> Front: <b>2M</b> Flash Light: <b>Real light</b>
<b>Speaker</b>	Output: <b>2.0W</b>
<b>Battery</b>	<b>3,600 mAh</b>
<b>Ports</b>	USB type: <b>Micro USB</b>
<b>Interface</b>	<b>M6 Interface for Remote Speaker Microphone, Earpiece, External Camera</b>
<b>Sensors</b>	<b>G-Sensor &amp; Acceleration Sensor, Proximity Sensor, Light Sensor, E-Compass</b>
Software	Specifications
<b>Operating System</b>	<b>Android5.1</b>
<b>Web</b>	<b>Android supported web browser</b>
Physical	Specifications
<b>Dimension</b>	<b>119.5*61.5*26.5mm</b>
<b>Weight</b>	<b>205g</b>
<b>Durability</b>	<b>IP67, Drop Test 1.5m</b>
<b>Operating Temperature</b>	<b>-20°C ~ 60°C</b>
<b>Storage Temperature</b>	<b>-30°C ~ 70°C</b>



**Telo Systems offers one-stop solution**

based on mobile industry standards making it an open and interoperable solution.





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