



**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.

[www.telosystems.com](http://www.telosystems.com)

# 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>	GSM: <b>B2 / B3 / B5 / B8</b> WCDMA: <b>B1 / B2 / B5 / B8 / B19</b> TD-SCDMA: <b>B34 / B39</b> FDD-LTE: <b>B1/B3/ B5/ B7/ B8/ B19/B20</b> TDD-LTE: <b>B38 / B39 / B40 / B41</b>
<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) Power: <b>(Min) Class 2</b> Operation distance: <b>(Min) 10 meter</b>
<b>GPS</b>	<b>GLONASS, GPS, AGPS support</b>
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" Capacitive, touch screen</b>
<b>Camera</b>	Rear: <b>8M with 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>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*26.5(mm)</b>
<b>Weight</b>	<b>Less 200g</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>