# **Tersus TC20 Controller**



#### **Overview**

The Tersus TC20 Controller is a rugged smart phone with design of 4.3" touch screen and an alphanumerical keypad. Equipped with powerful processor, it is perfect to adapt with Tersus Survey software. With professional IP68 rating, it is robust and reliable for harsh operating conditions.

### **Key Features**

Rugged smart phone 4.3" display

4G GSM unlocked Android 6.0

Quad-Core 1.3GHz CPU

3GB RAM + 32GB ROM

8MP Auto Focus camera

IP68 certified grade, water/shock/dust proof

6500mAh battery

Wi-Fi, Bluetooth, NFC

**Supports GPS & GLONASS** 

Two color options: red and yellow





## **Technical Specifications**



#### **System**

Operating System:	Android 6.0
CPU:	MTK MT6735 Quad-Core 1.3GHz
Memory:	3GB RAM + 32GB ROM
External storage:	Micro SD , up to 64GB
Keypad Backlight:	White
Display:	4.3" Capacitive Touch Screen
Resolution:	480x800
Camera:	8M pixel, Auto Focus
Flash Light:	High light Flash LED
Filipino, Frenc	nguages including Chinese, English, h, Greek, Italian, Japanese, Korean, ay, Portuguese, Romanian, Russian, Spanish, Thai, Turkish, etc.

#### **Electrical**

Power:	5V DC, 1.0A
Battery:	6500mAh
Battery Life:	10 hours call, 720 hours standby
Charging Time:	4.5 hours (5V 2A input) 8 hours (5V 1A input)

#### Communication

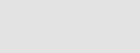
SIM1 & SIM2:  FDD-LTE B1/B3/B7/B TD-LTE B38/B39/B40/B WCDMA B1/B2/B5/ GSM B2/B3/B5/ Bluetooth:  V4 Micro USB: Micro USB for charging and data (OT Audio Jack: 3.5mm Audio Jack for Audio	Wi-Fi:	IEEE 802.11a/b/g/n
FDD-LTE B1/B3/B7/B TD-LTE B38/B39/B40/B WCDMA B1/B2/B5/ GSM B2/B3/B5/ Bluetooth: V4 Micro USB: Micro USB for charging and data (OT Audio Jack: 3.5mm Audio Jack for Aud	Cellular Mode:	Dual SIM Dual Standby
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Audio Jack: 3.5mm Audio Jack for Aud	Bluetooth:	V4.1
	Micro USB:	Micro USB for charging and data (OTG)
NFC: Standa	Audio Jack:	3.5mm Audio Jack for Audio
	NFC:	Standard
	Sensors:	G-Sensor, Compass, Barometer, Light-Sensor, Gyro

#### **GNSS**

Signal Tracking:	GPS,	<b>GLONASS</b>

#### **Physical**

Dimension:	210mmx87mmx31mm
Weight:	495g (include battery)
Operating Temperature:	-20 °C ~ +60 °C
Storage Temperature:	-30 °C ~ +70 °C
Dustproof & Waterproof:	IP68
Shock:	1.2m drop onto concrete





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