



# 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 IP67 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
- 2GB RAM + 16GB ROM
- 8 MP Auto Focus camera
- IP67 certified grade, water/shock/dust proof
- 6500 mAh 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:	2GB RAM + 16GB ROM
External Flash:	T-Flash , up to 64GB
Keypad Backlight:	White
LCD:	4.3"
Touch Screen:	Capacitive Touch Screen
Camera:	8M pixel, Auto Focus
Flash Light:	High light Flash LED
Language:	47 languages including Chinese, English, Filipino, French, Italian, Japanese, Korean, Malay Portuguese, Romanian, Russian, Spanish, Turkish, etc.

## Electrical

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

## Communication

Wi-Fi:	IEEE 802.11a/b/g/n/ac
Cellular Mode:	Dual SIM Dual Standby
SIM1 & SIM2:	FDD-LTE 800 / 1800 / 2100 / 2600MHz TD-LTE 1900 / 2300 / 2500 / 2600MHz WCDMA 850 / 900 / 1900 / 2100MHz GSM 850 / 900 / 1800 / 1900MHz
Bluetooth:	V4.1
Micro USB:	Micro USB for charging and data (OTG)
Audio Jack:	3.5mm Audio Jack for Audio
NFC:	Standard
Sensors:	G-Sensor, Compass, Barometer, Light-Sensor, Gyro

## GNSS

Signal Tracking:	GPS, GLONASS
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## Physical

Dimension:	210mmx87mmx31mm
Weight:	495g (include battery)
Operating Temperature:	-20 °C ~ +55 °C
Storage Temperature:	-30 °C ~ +65 °C
Dustproof & Waterproof:	IP-67
Shock:	0.8m drop onto concrete

