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

A-GPS supported

Wi-Fi, Bluetooth, NFC

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

Signals supported:	A-GPS

Physical

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