

Tersus

TC50 Controller

Overview

The TC50 Controller is a rugged multifunctional data controller with design of 5 inch sunlight readable HD touch screen and an alphanumerical keypad. Equipped with powerful Octa-core processor and android operating system, it is perfect to adapt with Tersus survey software.

With professional IP68 rating, it is robust and reliable for outdoor harsh environment. The large capacity lithium battery guarantees more than 10 hours of field working for a whole day of multiple surveying tasks.

Key Features

- ✓ 5 inch sunlight readable HD touch screen
- ✓ Octa-core 2.0GHz CPU
- ✓ Android 8.1 operating system
- ✓ 4GB RAM + 64GB ROM
- ✓ 5MP front camera and 12MP rear camera
- ✓ IP68 certified grade, water/shock/dust proof
- ✓ 7000mAh battery
- ✓ Wi-Fi, Bluetooth, NFC, 4G
- ✓ USB Type-C



Technical Specifications

| System | | Electrical | |
|-------------------|---|--------------------------|-------------------------|
| Operating system: | Android 8.1 | Battery: | 7000mAh 3.8V |
| CPU: | MT6763 Octa-core 2.0GHz | Battery life: | 14 hours |
| Memory: | 4GB RAM + 64GB ROM | Charging time: | <4 hours (fast charge) |
| External storage: | Micro SD , up to 128GB | | |
| Display: | 5" sunlight-readable capacitive touch screen | Physical | |
| Resolution: | 720x1280 | Dimension: | 207mmx84mmx20mm |
| Camera: | 5MP front , 13MP rear | Weight: | 370g (include battery) |
| Flash light: | High light flash LED | | |
| Communication | | Environmental | |
| Wi-Fi: | IEEE 802.11a/b/g/n 2.4G&5G | Operating Temperature: | -20°C ~ +55°C |
| Cellular mode: | Dual SIM Dual Standby | Storage Temperature: | -30°C ~ +70°C |
| SIM slot: | 2 Micro SIM slots | Humidity: | 5% ~ 95% |
| SIM1 & SIM2: | FDD-LTE B1/B3/B5/B7/B8 | Dust-proof & Waterproof: | IP68 |
| | TD-LTE B38/B39/B40/B41 | Shock: | 1.5m drop onto concrete |
| | TDSCDMA B34/B39 | | |
| | WCDMA B1/B2/B5/B8 | | |
| | CDMA1x/CDMA2000 BC0/BC1 | | |
| | GSM B2/B3/B5/B8 | | |
| Bluetooth: | BT4.1 (BLE) | | |
| USB: | USB Type-C (supports OTG) | | |
| NFC: | Protocol of ISO14443A/B, ISO15693 | | |
| | Readable distance 0~5cm | | |
| GNSS: | GPS/GLONASS/BeiDou | | |

Website | www.tersus-gnss.com
Sales Inquiry | sales@tersus-gnss.com
Technical Support | support@tersus-gnss.com

