



Tersus TC30 Controller

Overview

The Tersus TC30 Controller is a rugged controller with the design of 5" touch screen and full keypad. Flexible interfaces such as Bluetooth, Wi-Fi, 3G/4G and DB9 serial port make it convenient to connect to GNSS receivers and transceive correction data. Equipped with Windows Mobile operating system, it is perfect to adapt with MicroSurvey FieldGenius software and other field application software. With professional IP67-rated protection, it is robust and reliable for harsh operating environment.

Key Features

Windows Mobile operating system

1GHz CPU

512MB RAM + 1GB ROM

Keypad with 62 numeric + programmable keys

5 megapixel camera

Supports optional embedded GNSS module

6500 mAh Li-ion battery

Wi-Fi, 3G/4G, Bluetooth

IP67 certified grade, water/shock/dust proof





Technical Specifications

System Overview

Operating System:	Windows Mobile
CPU:	1GHz
Memory:	512MB RAM + 1GB ROM
Keypad:	62 numeric + programmable keys
Display:	5" sunlight readable touch screen
Resolution:	800x480
Camera:	5 megapixel
Storage extension:	TF card

GNSS Performance (Optional)

Signals tracking:	GPS L1+BeiDou L1 / GPS L1+GLONASS L1
GNSS channels:	72
Data format:	NMEA-0183
Raw data:	Alternative
Single Point Positioning Accuracy:	2.5m
SBAS Differential Positioning Accuracy:	2m

Communication

Wi-Fi:	Supported
Cellular:	3G/4G
Bluetooth:	V2.1
Long range Bluetooth:	SMA female x1
USB port:	USB Type B x1, USB Type A x1
Serial port:	DB9 male x1
GNSS port:	Coaxial connector x1

Supported Software

SurvCE, FieldGenius, SuperGeo

Electrical

Power:	5V DC, 2.0A
Li-ion Battery:	6500 mAh, 3.7V
Working time:	>8 hours

Physical

Dimension:	283mmx158mmx50mm
Weight:	1.15kg (include battery)

Environmental

Operating Temperature:	-30 °C ~ +60 °C
Storage Temperature:	-30 °C ~ +80 °C
Dustproof & Waterproof:	IP67
Shock:	1.2m drop protection

