

T17M, a New Generation Controller

T17M is a new generation and professional GNSS controller featured with alphanumerical keypad, 3.7" sunlight readable screen and powerful processor which will make the field work easy for most surveyors, and meanwhile, will benefit them with the higher efficiency and improved productivity.

With rugged IP54 rating and 1.2 meter free drop survival, T17M is a perfect solution for the most harsh environment. In addition, the Li-ion battery with 6500mAh capacity can make it work for long time without worrying about the power supply.

Key Features:

- Rugged design makes it suitable for most of the harsh conditions.
- The screen is readable even under strong sunlight.
- Supports versatile communication ports, including Bluetooth, Wi-Fi and 3G.
- 5.0M pixel camera with autofocus makes it convenient to take field photos.
- The portable, high capacity battery can support working time >20h.
- FieldGenius and SurveCE software tools make the operation easy.
- GNSS supports GPS L1 + BDS B1 or GPS L1 + GLONASS G1
- The Micro SD slot can support up to external 32GB card;
- Memory: 4GB ROM+512MB RAM.
- Supports SIM for WCDMA and GSM.
- NFC and Bluetooth 4.0 are optional.
- Supports external antenna.
- Supports NMEA-0183 output.





Technical Specifications

Performance Specifications

System

- Operating System.....Windows Mobile 6.x
- Frequency for CPU.....806MHz
- Memory4GB ROM + 512MB RAM
- Flash16GB
- External flash.....TF card, up to 32G

- Keypad.....27 Alphanumeric keypad
- LCD.....3.7" high light LCD, 640*480
- Touch screen.....Capacitive touch screen
- Camera.....5.0M pixel camera with autofocus
- Flash light.....High light flash LED

Electrical

- Power5VDC, 1A
- Li-ion battery.....6500mAh, 3.7V
- Battery life.....20h
- Charging time.....4h (typical)

GNSS performance

GPS, GLONASS, BDS and SBAS supported

- Accuracy.....2.5m (Standalone)
1.5m (DGPS), 2m (SBAS)
- Time to first fix.....27s
- Hot start1s
- Reacquisition.....1s

Communication

- Wi-Fi.....802.11 b/g/n
- USBx1
- Cellular Modem..... GSM /WCDMA
- BluetoothV2.1 supported
.....V4.0 optional
- NFC.....optional
- Serial portRS-232 x1

Physical Characteristics

- Dust proof and waterproof.....IP54
- Shock.....1.2m drop onto concrete
- Dimension.....200mm*96mm*32mm
- Weight.....515g (with battery)
- Operating temperature..... -20°C to +60 °C
- Storage temperature..... -30°C to +70 °C

Accessory

- AC-DC adapter
- USB cable
- Battery
- Serial port cable
- Touch pen
- Anti-slip strap
- Screen protector
- Electronical user manual
- Controller bracket (optional)
- External antenna (optional)
- RF cable for the antenna (optional)

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