T8

GNSS TABLET

Clear & Smooth Field Experience

SMOOTH USER EXPERIENCE

8” sunlight-readable touch screen of T8 tablet provides users with a clear graphic interface and flexible experience with any operations in field. The T8 features a 9000mAh large battery, light weight and IP67 waterproof & dustproof level, ensuring your uninterruptible work all day long even in harsh environments.

STRONG HARDWARE DESIGN

Powered by Android 10 OS, T8 tablet is compatible with most Android-based field surveying software for your use. With a strong CPU for data processing, large internal memory for GNSS data recording, abundant sensors for various requirements of different users, the T8 tablet is equipped with robust hardware design meeting your demands.

FLEXIBLE COMMUNICATION

Integrated with 4G/WiFi/Bluetooth/USB communication ways, T8 tablet is easy to connect and transmit with all kinds of external GNSS devices. Furthermore, the GPIO interface of T8 tablet is especially designed for developers to integrate additional features. SingularXYZ also provides a high precision version tablet – T8 Pro by using the GPIO integration.

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T8 GNSS TABLET

Version 15-09-2022

SYSTEM

CPU	2.0GHz, octa-core
OS	Android 10
ROM	64 GB
RAM	4 GB

DISPLAY

LCD	8" HD
Brightness	500Nits, sunlight readable
Resolution	1280*800 pixels
Touch Panel	Capacitive screen, support glove/wet hand

PHYSICAL & ELECTRICAL

Size	237*144*14mm
Weight	625g
Keypad	Power, Volume up/down, F1, F2, Return, Home, Menu
Battery	9000mAh
Input Voltage	5V, 2A
Drop Test	Survive from a 1.2m drop
Waterproof & dustproof	IP67
Work Temperature	-20℃~ 60℃
Storage Temperature	-30℃~ 70℃

GNSS PERFORMANCE

GNSS	BDS, GPS
Antenna Type	18×18mm ceramic antenna
High Precision GNSS	Support[1]

COMMUNICATION

Bluetooth	BT 4.2
WIFI	802.11 a/b/g/n/ac, 2.4GHz/5GHz
SIM Card	NANO SIM*2
Network	- GSM: 850/900/1800/190 - EVDO: BC - WCDMA: B1/B2/B5/B - TD-SCDMA: B34/ B3 - TDD-LTE: B38/B39/B40/B4 - FDD-LTE: B1/B2/B3/B4/B5/B7/B8 B17/B20/B28
External Interface	USB, GPIO
USB	Type C

HARDWARE

Rear Camera	13M
Front Camera	5M
TF Card	Y
OTG	Y
NFC	Y
Microphone	Y
Speaker	Y
G Sensor	Y
Gyroscope	Y
Light Sensor	Y
Flash Light	Y
External GNSS Antenna	Support
Satellites tracking	BeiDou/GPS/GLONASS/GALILEO

1. The T8 Pro GNSS tablet is a high precision version of T8 GNSS tablet that integrated with a high precision GNSS module.

All specifications are subject to change without notice.

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