TH10
TABLET

Bigger Screen, More Details

10" HD LARGE SCREEN

Upgraded with a large 10" HD screen, TH10 tablet provides users with a clear and comprehensive graphic display for complex and detailed tasks. No need to repeatedly zoom in and out of base maps, greatly increasing your productivity and improving your work experience.

POWERFUL HARDWARE

Powered by Qualcomm Octa-core 2.2GHz CPU and Android 10 OS, equipped with large memory, multiple sensors, extensible POGO-PIN for high precision GNSS, scanner, laser ranging and etc., TH10 tablet meets the demands of most geospatial and other applications.

FLEXIBLE OPERATION

TH10 Pro offers two operating modes for different users. A touch screen for field users while an external mouse for vehicle applications. Multiple sensors and 3 USB ports enrich your application orientation. Both USB host and slave modes allow for more flexibility in configuration.

SYSTEM

CPU	Qualcomm 8953 2.2GHz
OS	Android10
ROM	64GB
RAM	4GB
TF Card	Support, up to 512GB
Rear Camera	16M
Front Camera	8M
Battery	11000mAh, 15hrs working time

GNSS PERFORMANCE[1]

Channels	72
GPS	L1 C/A
GLONASS	L10F
BeiDou	B1
Galileo	E1B/C
QZSS	L1 C/A
SBAS	L1 C/A Support WAAS, EGNOS, MSAS, GAGAN
Sensitivity	- Tracking & Nav: –167 dBm - Reacquisition: –160 dBm
Time to first fix	- Cold starts: 26 s - Aided start: 2 s - Hot start: 1 s
Horizontal Pos. Accuracy	2.0 m CEP
Velocity Accuracy	0.1m/s
Update Rate	Up to 10 Hz
GNSS Data Format	NMEA-0183
Antenna Type	Ceramic antenna

COMMUNICATION

WIFI	802.11 a/b/g/n/ac, 2.4GHz/5GHz
Network	GSM:850/900/1800/1900 WCDMA: B1/B2/B5/B8 TD-SCDMA: B34/B39 TDDLTE: Band38/Band39/Band40/Band41 FDDLTE: Band1/Band2/Band3/Band4/Band5/Band7/Band8/ Band12/Band13/ Band17/Band20/Band28/Band6
Bluetooth	BT 5.0
SIM Card	Dual SIM & Dual standby
USB	- USB3.0 Type C *1 - USB2.0 Type A *2, USB host & slave
POGO-PIN[2]	Extensible for high precision GNSS, scanner, laser ranging and etc.

PHYSICAL

Size	271mm*174mm*16mm
LCD Display	10" HD screen, 500Nits sunlight-readable
Resolution	1280*800 pixels
Operation	Touch screen or external mouse
Weight	930g
Power input	QC 3.0
Keypad	Power, Volume up/down, A1, A2, A3, A4
Sensors	Battery Indicator, Microphone, Speaker, Flash Light, NFC, G Sensor, Compass, Light Sensor, Gyroscope, OTG

ENVIRONMENTAL

Work Temperature	-20℃～60℃
Storage Temperature	-40℃～70℃
Waterproof & Dustproof	IP67
Drop Test	Survive from a 1.2m drop
Humidity	95% no condensation

SOFTWARE

SingularSurv field surveying software
SingularPad field surveying software
Compatible with common third-party GIS and field survey software, such as ArcGIS Collector, Mapit GIS, FieldGenius Android etc.

1. The tablet supports concurrent reception of up to 3 GNSS.
2. SingularXYZ provides the high precision GNSS version of TH10 tablet – TH10 Pro GNSS tablet, which delivers centimeter-level positioning accuracy.

All specifications are subject to change without notice.