

APEKS

Rugged Tablet with GNSS RTK Positioning

TS8i Pro RTK Android tablet equipped with 1408 channels GNSS module, designed for centimeter-level measurements accuracy. This powerful device combines advanced technology with user-friendly features, designed for professionals in the fields of surveying, construction, and land management, this state-of-the-art device combines cutting-edge technology with user-friendly features to deliver unparalleled accuracy and efficiency.

RTK Upgrade for cm-Accurate GIS

1408-channel GNSS module for real-time cm-accurate positioning
Multi-constellation support: GPS, GLONASS, Galileo, BeiDou, QZSS & SBAS
Ideal for surveying, mapping, and field data collection

Powerful Qualcomm SM4350 Processor

High-performance CPU: Octa-core for smooth GIS and data processing.
Efficient multitasking: 6GB RAM + 128GB storage ensures fast app performance.
Android 13 OS: Supports professional surveying and mapping software.

High-Speed 5G & Global Connectivity

5G & 4G LTE support: Fast data transfer for real-time GIS updates.
Dual SIM + expandable storage: Flexible for global network compatibility.
WiFi & Bluetooth 5.1: Stable wireless connections in remote areas.

Long-Lasting 9000mAh Battery with Fast Charging

Extended field use: Large battery supports all-day operation.
Quick Charge 4+: Minimizes downtime during critical tasks.

Ultra-Durable & IP67 Protection

Military-grade ruggedness: Withstands drops from 1.2m and harsh environments.
IP67 waterproof & dustproof: Ensures reliability in rain, dust, and extreme conditions.
Wide temperature range: Operates from -30°C to 60°C, suitable for fieldwork.

TS8i PRO



SYSTEM

Operating system	Android 13
CPU	Quakcomm SM4350 2.0 GHz
RAM	6GB
ROM	128GB

DISPLAY

LCD	8" touch screen
Resolution	1280*800
Brightness	400Nits, sunlight readable

GNSS ACCURACY

Channel	1408
Constellation	·GPS: L1C/A, L2C, L2P(Y), L5 ·GLONASS: L1, L2, L3* ·Galileo: E1, E5a, E5b, E6* ·BDS: B1I, B2I, B3I, B1C, B2a, B2b* ·QZSS: L1C/A, L1C, L2C, L5 ·NavIC/ IRNSS: L5 ·SBAS: L1, L5*
RTK	2 cm HRMS
SBAS	< 1 m HRMS
Autonomous	H: 1.5 m RMS V: 2.5 m RMS
PPK	H: 3 mm + 1 ppm RMS V: 5 mm + 1 ppm RMS
PPP	B2B-PPP/E6-HAS

CAMERA

Front	5M
Rear	13M
Flash light	Integrated

COMMUNICATION

Bluetooth	BT5.1
WIFI	802.11 ac,a/b/g/n, 2.4GHz/5GHz
SIM Card	Dual SIM & Dual standby
Network	·GSM:850/900/1800/1900 ·CDMA:BC0 ·WCDMA: B1/B2/B5/B8 ·TDD-LTE: Band34/Band38/Band39/Band40/Band41 ·FDD-LTE:Band1/Band2/Band3/Band4/Band5 /Band7/Band8/Band12/Band20/Band28 ·5G: N41/N78/79
NFC	Support
USB	Type C
Internal Sensors	G-sensor, Gyroscope, Light sensor, E compass

PHYSICAL & ELECTRICAL

Size	235x146x13mm 9.3x5.7x0.5inch
Weight	630g
Battery	9000mAh
Keypad	Power,Volume up/down,Function buttons
Dust and water proof	IP67
Work Temperature	-30°C ~60°C
Storage Temperature	-40°C ~70°C
Shock	Survive from a 1.2m drop



Shanghai Apekstool Optoelectronic Technology Co., Ltd

Xinao Creative Park, No.350 Yindu West Road Songjiang District, Shanghai China



Website

www.apeksgnss.com

Mail

Sales@apekstool.com