



P8 Tablet High Precision Version V1.1

Features

- ▶ **8" Sunlight Readable Screen**
- ▶ **Compatible with common GIS software**
- ▶ **Android™ 12 with GMS certified**
- ▶ **Integrated High Precision GNSS Module and Antenna**
- ▶ **Integrated 4G LTE, Wi-Fi and Bluetooth® 5.0**
- ▶ **IP67 Dustproof and Waterproof**



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SinoGNSS[®]
By ComNav Technology Ltd.

Performance

CPU	Qualcomm 6225 2.4GHz
OS	Android12
ROM	128GB
RAM	6GB
TF Card	Y
Rear Camera	16M
Front Camera	8M
Battery	9000mAh
Battery Working Time	15hrs

Physical

Size	237mm*144mm*14mm
LCD	8" HD 1280*800 500Nits (Sunlight readable)
Touch Panel	Capacitive screen, support glove/wet hand
Flash Light	Y
Microphone	Y
Speaker	1.5W, waterproof
Weight	700g
Voltage	5V, 2A
Keypad	Power, Volume, F1, F2

Communication

WIFI	802.11 a/b/g/n/ac, 2.4GHz/5GHz
SIM Card	Dual SIM & Dual standby
Network	GSM:850/900/1800/1900 CDMA: BC0 EVDO: BC0 WCDMA: B1/B2/B5/B8 TDDLTE:Band38/Band39/Band40/Band41 FDDLTE:Band1/Band2/Band3/Band4/Band5/ Band7/Band8/Band12/ Band17/Band20/ Band28
Bluetooth	BT 5.0
USB	Type C
External Interface	USB, UART, GPIO
Support Protocols	Ntrip

GNSS Specifications

Channels	965
Satellite Tracking	- GPS: L1C/A, L2P,L2C, L5, L1C - BeiDou: B1I, B2I, B3I, B1C, B2a - GLONASS: L1, L2 - Galileo: E1, E5b, E5a - QZSS: L1C, L2, L5, L1C/A - SBAS: L1, L5
Single Baseline RTK	8 mm + 1 ppm Horizontal 15 mm + 1 ppm Vertical
Standalone	1.5 m 3D RMS
Post Processing	2.5 mm + 1 ppm Horizontal 5 mm + 1 ppm Vertical

Sensors

NFC	Y
G Sensor	Y
Gyroscope	Y
Light Sensor	Y
Compass	Y
2D scanner	Optional
OTG	Y

Environmental

Work Temperature	-20 °C ~ 60 °C
Storage Temperature	-30 °C ~ 70 °C
Waterproof & Dustproof	IP67
Drop Test	Survive from a 1.2m drop
Humidity	95% no condensation

Software

SinoGNSS High-Precision configuration software
Compatible with common third-party GIS software, such as ArcGIS Collector, Mapit GIS, FieldGenius Android etc.
SinoGNSS Survey Master field software

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