GNSS antenna

AT195-Helix antenna



The compact-sized AT195 helix antenna is designed with high stability and repeatability at phase center, and its high gain ensures a superior performance even at low elevation angle. Available from single frequency to triple frequency, support GPS L1/L2/L5, GLONASS L1/L2, BeiDou B1/B2/B3, BeiDou Global B1C/B2a, Galileo E1/E5a/E5b/E6 and SBAS. AT-series Helix antennas are optimal for Unmanned Aerial Vehicle, GIS, RTK and related mobile devices where need high accuracy GNSS positioning.

AT360-Geodetic antenna

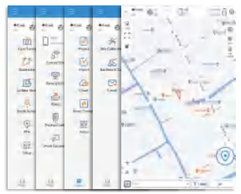
The AT360 is a super performance GNSS Antenna that can track GPS L1/L2/L5, GLONASS L1/L2, BeiDou B1/B2/B3, BeiDou Global B1C/B2a, Galileo E1/E5a/E5b/E6, L-Band and SBAS. Its high gain and wide beam provide good signal tracking performance even satellites at low elevation angle. It is a good choice for customers to develop systems or solutions for land survey, agriculture, construction and deformation monitoring.



Software

Survey Master

Specially designed version, perfectly adapted to P8H
Easier survey workflow via Wizard function
Support all survey modes, including Static, PPK and RTK
Access to real-time open street maps
Support CAD import and directly use for stake out operations
Collect users' feedback through Cloud Service
Provide mock location to third-party GIS software



Survey Master Download for free

Compatible with common third-party GIS software, such as

ArcGIS Collector
Mapit GIS
QField

P8 GNSS Tablet High Precision Version

Performance

CPU	Qualcomm SDM4350 2.0GHz
OS	Android12
ROM	128GB
RAM	6GB
TF Card	Y
Rear Camera	13M
Front Camera	5M
Battery	8000mAh
Battery Working Time	10hrs

Physical

Size	235mm*146mm*13mm
LCD	8" HD 1280*800 500Nits (Sunlight readable)
Touch Panel	Capacitive screen, support glove/wet hand
Flash Light	Y
Microphone	Y
Speaker	Y
Weight	630g
Voltage	5V, 2A
Keypad	Power, Volume, F1, F2, Home, Menu, Return

Communication

WIFI	802.11 a/b/g/n/ac, 2.4GHz/5GHz
SIM Card	Dual sim & Dual standby
Network	GSM:850/900/1800/1900 EVDO: BC0 WCDMA: B1/B2/B5/B8 TD-SCDMA: B34/B39 TDD-LTE: B34/B38/B39/B40/B41 FDD-LTE: B1/B2/B3/B4/B5/B7/B8/ B12/B20/B28 5G NR: N1/N3/N28/N41/N78/N79
Bluetooth	BT 5.1
USB	Type C
External Interface	USB, UART, GPIO
Support Protocols	Ntrip

Optional accessories

Bracket for P8H
SinoGNSS bag

GNSS Specifications

Channels	965
Satellite Tracking	- GPS:L1C/A, L2P, L2C, L5, L1C - BeiDou: B1I, B2I, B3I, B1C, B2a, B2b - GLONASS: L1, L2, L3 - Galileo: E1, E5b, E5a, E6, Altboc - QZSS: L1C, L2, L5, L1C/A - SBAS: L1
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
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-Precisionconfiguration 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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SinoGNSS

P8

GNSS Tablet

High Precision Version

PORTABLE & PRECISE
FOR BOTH GIS & RTK TASKS

K803 inside

Product images are in 1:1 scale



Coin: Φ 24.26 mm
K803

*From our filed testing statistics, with the IMU will increasing over 20% surveying productivity.

Features

P8H is a professional GNSS tablet with full constellations and multi-frequency. Integrated high-performance K803 GNSS module, with helix/geodetic antenna, it can deliver centimeter-level positioning in RTK mode without external equipment, bringing a revolution to both GIS and RTK measurement. With flexible communication, rugged housing, great compatibility and strong performance, P8H provides users with a cost-effective & high-efficiency surveying solution.



Screen: 8'' sunlight readable screen, comfortable viewing experience.
Software: Android 12 GMS certified, compatible with popular GIS software.
Battery: 8000mAh large battery , long working time.
Housing: IP67 waterproof and dustproof, strong resistance.
Hardware: Integrated new generation high-accuracy K8 module, capable of reliable positioning.
Communication: Integrated 4G LTE, WIFI and Bluetooth 5.1, easy to connect.

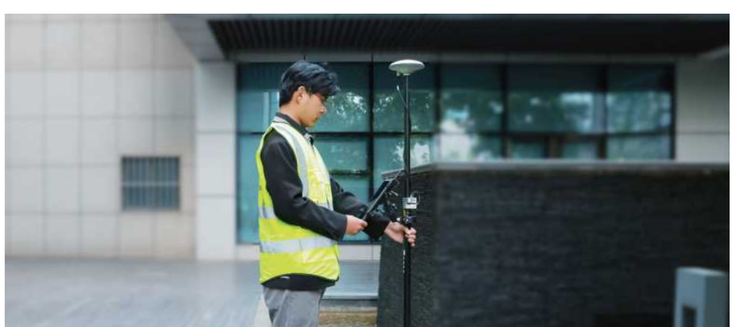
One device, two choices

High portability GIS solution



Use P8H for GIS is easy, convenient and accurate for feature measurement. Revolutionary lightening the burden of GIS measurement.

Cost-effective RTK solution

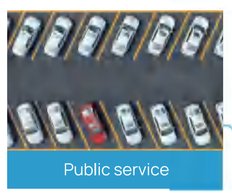


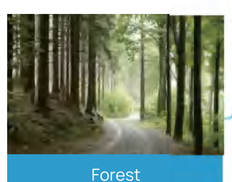
Use P8H for RTK is compact, integrated and obtained with centimeter-level accuracy. Creatively make the integration of satellite positioning so precise.

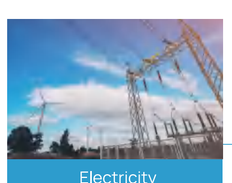
Applications

GIS:









Surveying and mapping:



