



# P6H Handhold

## Features

▶ **6" Sunlight Readable Screen**

▶ **Integrated High Precision GNSS Module and Antenna**

▶ **Compatible with common GIS software**

▶ **Integrated 4G LTE, Wi-Fi and Bluetooth<sup>®</sup> 5.0 BLE**



▶ **Android™ 11 with GMS certified**

▶ **IP67 Dustproof and Waterproof**

## Performance

CPU	8-core processor 2.0GHz
OS	Android11
ROM	64GB (128GB optional)
RAM	4GB (6GB optional)
TF Card	1 Micro SD card slot, expandable up to 128G
Rear Camera	13M
Front Camera	5M
Battery	6500mAh removable battery

## Physical

Size	165.5*81.6*29.1mm
LCD	6" HD screen, 2160*1080 resolution
Touch Panel	Capacitive touch screen
Flash Light	Y
Microphone	Y
Speaker	Front dual stereo speaker, 90db±3db(at 10cm)
Weight	310g
Charging	PE fast charging, full within 4 hours
Keypad	1*Power, 1*HOME, 1*Return, 1*Position

## Communication

WIFI	IEEE 802.11 a/b/g/n/ac, 2.4GHz/5GHz
SIM Card	Dual SIM & Dual standby
Network	FDD-LTE B1/B3/B5/B7/B8 TDD-LTE B38/B39/B40/B41 TDSCDMA B34/B39 WCDMA B1/B2/B5/B8 GSM B2/B3/B5/B8 CDMA1x/CDMA2000 BC0/BC1
Bluetooth	BT 5.0 BLE
USB	Type C, support OTG
External Interface	USB, OTG

## GNSS Specifications

Channels	965
Satellite Tracking	- GPS: L1C/A, L2P,L2C, L5, L1C - BeiDou: B1I, B2I, B3I, B1C, B2a, B2b - GLONASS: G1, G2, G3 - Galileo: E1, E5b, E5a, E6c, E5 AltBOC - QZSS: L1C, L2, L5, L1C/A - IRNSS: L5 - SBAS: L1C/A
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

G Sensor	Y
Magnetometer	Y
Light&Distance Sensor	Y

## Environmental

Work Temperature	-20 C ~ 55 C
Storage Temperature	-30 C ~ 70 C
Waterproof & Dustproof	IP67
Drop Test	Survive from a 1.2m drop
Electrostatic protection	± 15kV air discharge, ± 8kV contact discharge
Humidity	95% non-condensing

## 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