



V90 PLUS

GNSS RTK SYSTEM

With a hi-tech, fully integrated design, the conveniently sized V90 Plus is one of the most flexible choices for any measuring task. Built-in Linux3.2.0 operating system, pre-loaded multiple smart applications such as tilt surveying, electronic bubble calibration, NFC and voice DIY. The V90 Plus GNSS system provides surveyor industry-leading GNSS operation.

83mm HEIGHT / 153mm DIAMETER / 950g WEIGHT



Multi-constellation Tracking

- 220 tracking channels
- NGS approved full-wave GNSS antenna
- Supports GPS, GLONASS, GALILEO, BDS, SBAS



- Supports a wide range of satellite signals
- A large receiving area designed for multipath mitigation
- Air dielectric is light and stable



Advanced BD970 OEM receiver designed for various applications.

Smart Applications

- Offers tilt surveying
- Supports electronic bubble
- Intelligent DIY



Optional Transceiver UHF Radio

- The transceiver UHF radio enables switchable
- Three types of internal UHF radio provide compatibility with other radios

Multi-network Connection

- Supports GPRS, GSM and WCDMA
- Supports WIFI

Li-operated

Design

Dustproof and waterproof
 Able to survive a 2-meter natural fall onto concrete

The iHand30 operating system provides physical



The Hi-Survey Road is an android software that is designed for all types of land survey and road engineering projects in the field. It is compatible with Hi-Target professional controllers, android phones, tablets and other third-party android devices. It is a sleek and easy-to-use software that supports the operating of big data with build-in tools. With customized industrial application solutions, more possibilities are created for users.

KEY FEATURES



Various algorithms to achieve high accuracy in corresponding measuring circumstances with a better reliability.
 ▶ Tilt survey, quasi-dynamic technology, detail survey, timing static survey, etc.



Express interacting functions to greatly improve the work efficiency.
 ▶ Cross-projects points selection, QR code scanning, multi-format support, etc.



Integrated professional measurement functions for engineering applications.
 ▶ Road functions, DTM surface operations, Google online base map, 3rd party rangefinders, etc.

Hi-Survey Road

Survey Data Collection Software

Hardware Configuration	OS: Android 6.0 Processor: 1.5GHz, 4 core Storage: RAM 2G, ROM 16GB (up to 32GB extension Micro-SD) Display: 3.7", 640x480, sunlight readable Camera: 8MP, tag available Sensors: G-sensor, E-compass, barometer, light-field sensor, gyro
Communication	Cellular mode: Dual SIM card, dual stand-by Cellular network: 4G TDD-LTE, FDD-LTE, WCDMA, GPRS Wi-Fi: IEEE 802.11b/g/n, 2.4GHz/5GHz Bluetooth: V2.0/4.0 USB: Type-C, supports OTG NFC
Physical	Weight: 440g(within battery) Size: 208mm*83mm*24mm Temperature: -20C ~ +60C(Operating), -30C ~ +70C(Storage) Free fall: 1.2m IP67
GNSS Features	GNSS: GPS, GLONASS, AGPS, 20 channels Update rate: 1Hz
Power Supply	Battery: Removable 3.7V lithium battery, 5200mAh Duration: 15 hours