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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 Linux 3.2.0 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.

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

Smart Application
- Offers tilt survey with a maximum tilt angle of 30 degrees
- Supports electronic bubble
- Intelligent voice assistance guides field operations. Voice can be DIY
- Standard Rinex data and Hi-TARGET raw data recorded simultaneously

Optional Transceiver UHF Radio
- The transceiver UHF radio enables switchable working modes between base and rover
- Three types of internal UHF radio provide different frequencies based on users requirements. The SATEL internal UHF radio is compatible with other radios

Powerful Battery
- Powered by high-capacity (5000mAh) Li ion battery to ensure full day operation
- IP67 dustproof and waterproof
- Able to survive a 2-meter natural fall onto concrete

Rugged Design
- Integrated keyboard
- S: 215mm x 98mm x 35mm
- Weight: 532g (with battery)
- Integrated keyboard
- S: 170mm x 88mm x 30mm
- Weight: 330g (with battery)
- Anti-shock: 1.2m natural fall

Getac PS336 Field Controller
Optional

This field-ready workhorse is built for power, functionality and ruggedness. It features a large 3.5 inch display with a pressure sensitive touchscreen, advanced GPS, integrated keyboard and plenty of power to run your apps.

The unit is fully compatibility with SurvCE, MicroSurveyFieldGenius, Digiterra Explorer and EsriArcPad. The PS336 Field Controller is compact enough to operate in one hand and offers the highest durability standards in the industry.

Post-processing Software
Hi-TARGET Geomatics Office (HGO) software

- Provides the complete GPS/GLONASS/BDS/GALILEO processing solution
- Standard Rinex data format and Hi-TARGET raw data format can be processed flexibly and easily
- Easy operation

CONTROLLER PERFORMANCE SPECIFICATIONS

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<tr>
<th>Controller</th>
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<th>GETAC PS336</th>
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| System configuration | OS: Android 4.2
Processor: MT6589, 1.5GHz, 4core
RAM: 1GB
Flash memory: 4 GB | OS: Windows Mobile 6.5
Processor: TI AM3715, 1GHz
RAM: 512MB
Flash memory: 8 GB |
| Communication interface | Bluetooth
NFC
Max USB
WiFi 11b/g
MicroSD card slot, supports up to 32 GB
Dual SIM Dual Standby, support 2G and 3G | Bluetooth
8-pin serial port
4-pin docking connector
Max USB
WiFi 11b/g
MicroSD card slot, supports up to 32GB |
| Power supply | 3.7V, 5000mAh lithium battery, up to 25 hours continuous operation | 3.7V, 5000mAh lithium battery, up to 12 hours continuous operation |
| Physical properties | Integrated keyboard
size: 215mm x 98mm x 35mm
Weight: 532g (with battery)
Operating temperature: -10°C to +60°C
Storage temperature: 30°C to +85°C
Waterproof/dustproof IP68
Anti-shock: 1.2m natural fall | Integrated keyboard
size: 170mm x 88mm x 30mm
Weight: 330g (with battery)
Operating temperature: -10°C to +60°C
Storage temperature: 40°C to +70°C
Waterproof/dustproof IP68
Anti-shock: 1.2m natural fall |