The Zenith35 Pro is equipped with the latest NovAtel measurement engine, with 555 channels multi-constellation and frequency support, providing unmatched functionality. The unique Zenith35 Pro Tilt&Go functionality allows you to access the inaccessible, ensured by a precise electronic bubble. Its Wi-Fi connection offers the possibility to configure the Zenith35 Pro from any device. With IP68, the Zenith35 Pro Series is a compact and rugged tool that is water and dust proof.
FULL FREEDOM

A corner of a building or even a gutter under a parked car? The unique Zenith35 Pro Tilt&Go functionality allows you to measure points where a plumb pole is not possible, such as house corners.

No longer worry about keeping your pole strictly plumb, just Tilt & Go! Seamlessly integrated into the field software, the Zenith35 Pro TAG offers two modes perfectly adapting to the measurement situation.

- **TAG Single** - *when the highest efficiency is needed.* Measure points with pole tilted up to 15° with only one press of a button. Perfectly suited for all your standard tasks, such as topographical surveys and stakeouts.

- **TAG Dual** - *when working under difficult situations.* Independent from discrepancies caused by metal objects (or those generating magnetic fields). With pole tilt up to 30°.

When you do have to be sure your pole is perfectly plumb, the Zenith35 Pro TAG alerts you when you are outside of the defined centering accuracy, documenting the quality of your measurement.
Raising Performance

**FULL SKY**

- 555 channels multi-constellation (including Galileo and BeiDou) and multi-frequency support, future proofing your purchase for today and tomorrow’s GNSS systems.
- NovAtel onboard - Cutting-edge technology from the leading provider of high precision OEM GNSS products.
- Zenith35 Pro ExtraSafe mode - Working under heavy canopy or when most reliable results are required, this feature adapts to different working conditions.

**FULL CONNECTIVITY**

- Bluetooth® and WiFi connection
- Access from any device connected to the Internet, independent of your location
- USB port for data transfer
- Serial port for data output
- Powerful UHF radio for base-rover setups
- 3.75G GSM for network “NTRIP” connections
- Connect up to 10 rovers simultaneously via GSM with Zenith35 Pro DynDNS technology

Full spectrum of satellite signals, full connectivity and the unique Tilt&Go functionality all in a compact GNSS make the Zenith35 Pro series the GNSS that works when you do.
**Receiver specifications**

**AdVance® technology**
High fix availability + reliability

**Channels**
555, multi-frequency

**GPS tracking**
L1, L2, L2C, L5

**GLONASS tracking**
L1, L2, L3*

**BeiDou tracking**
B1, B2, B3**

**Galileo tracking**
E1, E5a, E5b, AltBOC, E6**

**Positioning rate**
5Hz, 20Hz (opt)

**SBAS**
EGNOS, WAAS, MSAS, GAGAN, QZSS***

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**Receiver Accuracy****

**RTK**
Hz 8 mm ± 1 ppm / .026 ft + 1 ppm (rms)
V 15 mm ± 1 ppm / .049 ft + 1 ppm (rms)

**Network RTK**
Hz 8 mm ± 0.5 ppm / .026 ft + 0.5 ppm (rms)
V 15 mm ± 0.5 ppm / .049 ft + 0.5 ppm (rms)

**Static**
Hz 3 mm ± 0.5 ppm / .01 ft + 0.5 ppm (rms)
V 5 mm ± 0.5 ppm / .16 ft + 0.5 ppm (rms)

**Static long**
Hz 3 mm ± 0.1 ppm / .01 ft + 0.1 ppm (rms)
V 3.5 mm ± 0.4 ppm / .11 ft + 0.4 ppm (rms)

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**Interfaces**

**Keyboard**
On/off and function key

**LED status indicators**
Position, battery, Bluetooth®, Wi-Fi, RTK receive, RTK transmit, data storage

**LED mode indicators**
Rover, base, static

**Data recording**
Dual; microSD card and 8GB internal memory

**GSM/TCP/IP**
Removable SIM card

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* Glonass L3 will be provided through future firmware upgrade. ** Believe to comply. Subject to ICD description availability. *** Support of QZSS is incorporated and will be provided through future firmware upgrade when QZSS will be operational. **** Measurement accuracy and reliability are dependent on various factors including satellite geometry, obstructions, observation time, ionospheric conditions, multipath, etc.

Figures quoted assume normal to favorable conditions. GeoMax reserves the right to change, without notice, product offerings or specifications.