

1408 GNSS channels

control of all current and future signals

Fix support

in areas with poor Internet coverage

Efficient power supply

up to 10 hours of operation

Easy to use

intuitive software in Polish

Lightweight and practical

small and compact

Tried-and-tested, reliable technology

water - and dustproof - IP67

Latest generation IMU

easy measurements

GNSS monitoring solutions NIVEL SYSTEM POINT 3





GNSS receiver made by Nivel System with TPI support







A new generation of GNSS receivers with IMU for speed and convenience – it's time to buy yours

In need of a versatile GNSS receiver?

Need to measure or find some outdoor landmarks?

Not sure what an IMU is and whether you might find it useful?

Well, you've come to the right place! We are here to answer all your questions and explain how to use a state-of-the-art GNSS receiver – the Nivel System Point 3, equipped with a proven latest-generation IMU – in the field.

What is IMU? And why will you make your job easier?

The latest generation IMU is an ultra-modern 9-axis inertial system that enables a rod pitch of +/- 90 degrees. And what's it all for?

It allows you to measure points that are beyond the capabilities of normal receivers. These include locations where the horizon/sky is obscured (e.g., under trees or on buildings). This system is also perfect for daily measurements – you can measure any point faster without having to accurately calibrate the rod.

The spirit level does not need to be constantly monitored when taking measurements at building corners and recording other data.

The features also work well for measuring and marking the following: points, e.g., under a parked car or other obstacle; hard-to-reach areas covered with lush vegetation, e.g., building facades, fences; difficult-to-reach small watercourses and ditches; loose dumps, fall areas – by increasing safety and avoiding dangerous edges; on busy roads – a quick measurement from a safe distance avoids the risk of walking on a busy stretch of road.

Our IMU is resistant to magnetic interference. Thus, metal elements (e.g., fences, roofing, reinforcements) cannot interfere with the inclinometer measurement.



Checking your work

Measure newly erected structures, block borders or the layout of a building pit



Live view

See all results instantly at the time

of measurement



Checking the installation of pipes and cables

Check the location of pipes before the start of works rozpoczęciem prac



Check the progress of the works

Make sure, for example, that the kerbs are built as specified in the planning



Invoicing for earthworks

Measure the works carried out quickly and accurately using GPS



NSurv

Fully compatible with

The software is compatible with CAD data



One-person measurement

Measure using a network of reference stations



Data sharing

Support for other platforms (e.g., Google Drive) means comprehensive options tailored to your needs



1408 GNSS channels

Processing of current and future satellite signals from the 4 GNSS systems



8 GB internal memory

Option to record several days of static observations



Thanks to the unique automatic monitoring feature, the reproducibility of the measured position is guaranteed at all times



Built-in radio modem

Base-rover operation with other receivers up to 8 km



Freedom thanks to wireless technology

Bluetooth, WiFi and NFC communication modules for convenient pairing and data synchronisation



Android tablet

Instant synchronisation of measured data in the cloud or by email enabled by the option to connect to your own mailbox



Powerful battery

Up to 10 hours of use outdoors, can be charged via universal USB-C ports or power bank updates



Nsurv software

Interface in Polish, perpetual licence,

