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Leica Zeno 20 GIS Data Collector



More than GPS

A Geographic Information System (GIS) is a data management system for checking, storing, analysing and presenting spatial data. GIS allows the user to see many different types of data on a single interactive map, leading to a greater understanding of relationships and patterns. The nature of GIS data allows projects to be assessed at any scale and is becoming a common component of BIM Systems.

GIS data collection extends beyond traditional measured survey to include information about the features that are being surveyed. Shape files can be created in the field or office to suit the needs of the project and mobile data connectivity allows for the smooth flow of data between the two locations.

Once this information is downloaded into GIS software, the result is a rich interactive map allowing the user not only to view the attributed data, but also to interrogate, manipulate, analyse and present the map according to the surveyed data.

The growing use of GIS Systems, whether at enterprise level or single user, has led to the development of robust field instruments to capture datasets which flow directly into the GIS environment.

Opti-cal Survey Equipment is able to offer the revolutionary new Leica Zeno 20 Data Collector – an ergonomic, robust and weatherproof hand-held device, combined with purpose-built Android operating system and is based on decades of Leica's experience of designing high accuracy GNSS solutions.

The Zeno 20 is a ground-breaking concept using advanced measuring technologies to provide unchallenged accuracy for GIS asset collection.

The Zeno 20 is simply more than GPS



Simplicity without limitations

The Leica Zeno 20 offers both Android and Windows software solutions running on an extremely fast dual core processor. The Android OS allows the use of either Leica's own Zeno Mobile app, or any data capture app of your choice.

The Zeno 20 hand-set is surprisingly lightweight and compact, yet still offers a 4.7" screen with IP67 rated durability.

Outdoor experience

- Durable IP67, dust and waterproof rating
- Largest best-in-class outdoor screen
- Ergonomic and weight optimised design

Flexibility

- Windows embedded hand-held (WEH) 6.5.3 or Android
- Leica Geosystems or BYOS (bring your own software)
- Full choice of GNSS configuration

Capture

- Optimised GNSS performance
- GAMtec: combination of DISTO™ S910 with Zeno 20 closes gaps where GNSS is not working anymore

Simplicity

- Out-of-the-box and straight to work experience

Content

- Zeno 20 offers direct integration to the Hexagon Imagery Program and Open Street Map Services

Field

- With Zeno Connect you can add any app you want – Zeno Mobile software or fully ArcGIS™ integrated



More durability, performance & flexibility

The Leica Zeno 20 is so much more than just GPS – it is a fusion of great technologies. Powerful and easy to use, it's the ultimate geospatial workhorse. Capable and fast, it will change the way you work and bring more to your day.

Leveraging the strength of cutting-edge technology in one remarkably compact device, the Leica Zeno 20 changes the way field personnel capture GIS data daily.

- So simplistic it will become your indispensable tool
- So accurate you will always be sure
- So productive it will change your workday



MORE than GPS

ApogeeTec

The Zeno 20 has been designed around the new patch antenna, providing improved satellite accuracy and stronger signals.



apogeeTec

GAMtec

GAMtec is a cutting-edge solution for GIS asset collection combining the capabilities of the Zeno 20 and Disto S910 instruments. This is a versatile option which is ideal for surveying assets that are inaccessible while maintaining the required standards of data capture. The setup is portable and straightforward and the Zeno Mobile interface keeps the workflow simple.



gamtec

Pricing options

Leica Zeno 20 SBAS

Purchase price starting from - £5,525.00

Weekly hire rate: £150 p/w (minimum 1 week hire)

Expected accuracy when using SBAS of between 1-5m

Leica Zeno 20 DGPS

Purchase price starting from - £8,050.00

Weekly hire rate: £250 p/w (minimum 1 week hire)

Expected accuracy when using DGPS corrections <0.5m

*Leica SmartNet DGPS Licence and mobile data SIM card required

Leica Zeno 20 RTK

Purchase price starting from - £8,750.00

Weekly hire rate: £350 p/w (minimum 1 week hire)

Expected accuracy when using RTK corrections <50mm

*Leica SmartNet RTK Licence and mobile data SIM card required

Accessories

A detail pole and external AS10 antenna can be used with the Zeno 20 for increased precision.

- Purchase price: £2,220
- Weekly hire rate: £25 p/w (minimum 1 week hire)

GNSS Angular Measurement Technology (GAMtec)

- Purchase price: £1,400
- Weekly hire rate: £50 p/w (minimum 1 week hire)



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