

# Leica GS09 GNSS

Your tasks, your choices,  
our solutions!

Whether you want to determine the area of a parcel of land or you need to stake out objects on a construction site; whether you want to capture data for infrastructure documentation or you need to carry out indoor surveys – Leica Geosystems' surveying instruments provide the right solution for every application.

Leica Geosystems' products and solutions combine user-friendly operation and reliable results. They are designed to meet your specific requirements. Modern technology enables you to work fast and productively, thanks to the clearly structured range of functions and intuitively usable onboard applications.

**When it has to be right.**

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**Leica Viva GNSS**  
Product brochure



**Leica Viva TPS**  
Product brochure



**Leica LGO**  
Product brochure



**Leica Flexline**  
Product brochure

**Swiss Technology**  
by Leica Geosystems



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our commitment to total  
customer satisfaction.

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## Your tasks

Are you starting a new business? Have you been considering changing to GNSS surveying? Then the Leica GS09 is the surveying system for you. Providing a simple positioning tool that grows with your business to meet all your future measurement requirements.

Choose from a wide range of available functions and applications that you really need to complete your tasks. By configuring the system for your personal requirements, the investment cost is minimised and its operation is not unnecessarily complicated.

## Your choices

The Leica GS09 can be used in a large variety of operating modes, providing you with a complete surveying system. Requiring only the GS09 antenna and CS09 controller, combined with appropriate accessories, many different operating choices are available.



### SmartWorx Controller

The SmartWorx field software is based on the proven and familiar operating concept of the Leica System 1200. Made even easier to use with icon-based menus, ensures instant productivity.

A wide range of application programs enable any survey task to be easily and efficiently completed. With the Field-to-Office functionality, data can be transferred between the work site and the office computer.



### RTK Rover

The extremely light-weight and cable free rover is comfortable to use for the entire day. Built exceptionally rugged, the Rover withstands rough use and topple overs. Since it accepts all RTK signal types, the GS09 can be used with any reference station type.

The wide range of attachable radios are automatically recognised and do not require knowledge of configuration settings.



### Reference Station

The easily setup RTK base station operates without a controller. Requiring only the GS09 antenna, a radio modem and battery, correction data can be sent to a wide range of RTK rover types.

By connecting the CS09 controller, raw satellite data can be logged for post-processing. All the equipment mounts onto a tripod, providing a clutter-free and water-proof setup.



### Network Rover

In the network operating mode, the GS09 works perfectly in all reference networks. A complete surveying system can be created from the GS09 antenna and CS09 controller without the need to invest in a base station.

The network connections can be received with Leica GSM/CDMA modules or by using your mobile phone.



### SmartStation

The Leica TPS1200+ and TS30/TM30 total stations can be combined with the GS09 antenna into one easy-to-use instrument. Eliminates the need to search for control points or to calculate traverses.

Additionally the SmartStation provides an ideal solution to measure points that cannot be occupied by GNSS.

## Our solutions!

If you have always inspired to owning a Leica GNSS, the GS09 solution opens the door. Step into the Leica world of quality, reliability and trust. With its decades of experience, Leica Geosystems delivers total customer satisfaction enabling you to work with confidence and maximise productivity.

The GS09 integrates with other Leica instruments, allowing you to expand your palette of surveying tools as and when required. Your equipment will remain up to date with the latest technology and features thanks to regular firmware updates. Firmware and applications are available online and can be self installed.