

# Leica Viva GS16

Be Captivated





# Leica Viva GS16 – Experience Innovation

Meet the latest innovation, a self-learning GNSS with RTKplus and SmartLink. The growing number of signals from an ever increasing satellite constellation demands a GNSS receiver to be smarter than ever before.

Simply put, RTKplus is like RTK but better. RTKplus intelligently adapts to changing conditions by selecting the optimal signals to deliver the most accurate positions. Work more efficiently and in more challenging environments than you've ever worked in before.

Enjoy uninterrupted accurate positioning even when your local correction service is unavailable due to obstructions or lack of cellular coverage with the global SmartLink service. Even when no reference data is available, work fully remotely with SmartLink.



## Engaging software

The Leica Viva GS16 GNSS smart antenna is accompanied with the revolutionary Captivate software, turning complex data into the most realistic and workable 3D models. With easy-to-use apps and familiar touch technology, all forms of measured and design data can be viewed in all dimensions. Leica Captivate spans industries and applications with little more than a simple swipe, regardless of whether you work with GNSS, total stations or both.



## Seamlessly share data among all your instruments

Leica Infinity imports and combines data from your GNSS, total station and level instruments for one final and accurate result. Processing has never been made easier when all your instruments work in tandem to produce precise and actionable information.

## ACC»

### Customer care only a click away

Through Active Customer Care (ACC), a global network of experienced professionals is only a click away to expertly guide you through any challenge. Eliminate delays with superior technical service, finish jobs faster and avoid costly site revisits with excellent consultancy support. Control your costs with a tailored Customer Care Package (CCP), giving you peace of mind you are covered anywhere, anytime.



#### RTKplus

- 555 channels for more signals, faster acquisition and improved sensitivity
- Intelligent management of multi-frequency, multi-constellation signals
- Intelligent selection to automatically reject reflected or noisy signals

#### SMARTCHECK

- Unique RTK technology provides continuous checks to guarantee correct results
- Initialisation within seconds
- Complete reliability

#### SMARTLINK

- Achieve centimetre accurate positioning worldwide - perfect when working in remote areas around the globe
- No RTK base station or RTK network required, correction data is continuously transmitted by satellite delivering global coverage
- Bridging RTK outages for uninterrupted centimetre positioning

#### BUILT FOR THE MOST DEMANDING ENVIRONMENTS

- IP68 protection
- Built for extreme temperatures of -40°C to +65°C
- Fulfils toughest standards throughout the complete product lifetime

#### ERGONOMICS

- Integrated mobile phone and UHF radio RTK devices
- Compact housing
- Lightweight

#### ONLINE SERVICES

- SmartNet Satellite Positioning - your No.1 partner for network RTK
- Leica Active Assist - the next level in support
- Leica Exchange - transfer data easily, quickly and safely

## Unlock the power of handheld devices

**In a controller or a tablet, take your entire office on the go when you discover the power to overcome any environment from the palm of your hand.**

The Leica CS20 controller and Leica CS35 tablet provide the ultimate in control and convenience with complete mobility. Touch screen technology allows for comfortable and quick data processing while a stunning 3D view transforms your Leica Viva GNSS experience.



reddot award 2015  
honourable mention

Revolutionising the world of measurement and survey for nearly 200 years, Leica Geosystems creates complete solutions for professionals across the planet. Known for premier products and innovative solution development, professionals in a diverse mix of industries, such as aerospace and defence, safety and security, construction, and manufacturing, trust Leica Geosystems for all their geospatial needs. With precise and accurate instruments, sophisticated software, and dependable services, Leica Geosystems delivers value every day to those shaping the future of our world.

Leica Geosystems is part of Hexagon (Nasdaq Stockholm: HEXA B; hexagon.com), a leading global provider of information technologies that drive quality and productivity improvements across geospatial and industrial enterprise applications.

 **Swiss Technology**  
by Leica Geosystems



IEC 60825-1:2014

Illustrations, descriptions and technical data are not binding. All rights reserved.  
Printed in Switzerland – Copyright Leica Geosystems AG, Heerbrugg, Switzerland, 2016.  
845106en – 03.16



**Leica Captivate**



**Leica Infinity**



**Leica Nova MS60**



**Leica Viva TS16**



Video tutorials are available on:  
<http://www.leica-geosystems.com/captivate-howto>

**Leica Geosystems AG**  
[www.leica-geosystems.com](http://www.leica-geosystems.com)



- when it has to be **right**

**Leica**  
Geosystems