Leica GS18 T
Data sheet

Engaging software
The Leica Captivate field software is the perfect companion for the GS18 T. Everything from measuring, viewing, and sharing data is done within one software. Easy-to-use apps and precise 2D views/3D models enable you to understand, create, and utilise data effectively. Captivate spans industries and project use cases with little more than a simple tap, 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 RTK rover, 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.
GNSS TECHNOLOGY

Leica GS18 T GNSS RTK ROVER PERFORMANCE UNLIMITED

SUPPORTED GNSS SYSTEMS

Multi-frequency

GPS / GLONASS / Galileo / BeiDou / QZSS

RTK PERFORMANCE

DGPS/RTCM, RTK Unlimited, Network RTK

SmartLink fill / SmartLink

POSITION UPDATE & DATA RECORDING

20 Hz positioning

Raw data / RINEX data logging / NMEA out

ADDITIONAL FEATURES

Tilt compensation

RTK reference station functionality

4G LTE Phone / UHF Radio (receive & transmit) modem

1 Measurement precision, accuracy, reliability and time for initialisation: are dependent upon various factors including number of satellites, observation time, atmospheric conditions, multipath etc. Figures quoted assume normal to favourable conditions. A full BeiDou and Galileo constellation will further increase measurement performance and accuracy.

2 QZSS L6 will be provided through future firmware upgrade.

3 Support of NavIC L5 is incorporated and will be provided through future firmware upgrade.

4 Available for the G813 UHF variants only.

5 Might vary with temperature, age of battery, transmit power of data link device and use of wireless communication devices.

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- when it has to be right

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