

Leica Geosystems ATHENA Program for GNSS Research and Education



The ATHENA program by Leica Geosystems

ATHENA stands for 'Advanced Technology for Higher-Education and Non-profit Associations' and has the clear objective of introducing the latest GNSS and Monitoring technology to the academic and research communities. The foundation of the ATHENA Program is a new set of Leica Geosystems GNSS Reference Station and Structural Monitoring product bundles specifically designed and priced to benefit academic organizations, UNAVCO-accredited members and research institutions. ATHENA is a unique opportunity to boost your research and educational activities with the latest GNSS technology.



Courtesy NASA/JPL-Caltech



Research

- Latest future-proof GNSS technology
- Designed for IGS and EUREF stations
- High precision data
- External oscillator input
- Web interface, FTP file transfer and email notification
- Onboard RINEX generation and Ntrip
- Full compatibility with UNAVCO teqc toolkit



Education

- Learning with state-of-the-art equipment
- Robust and durable for long instrument life
- Multi-purpose instruments – for permanent installations and field campaigns

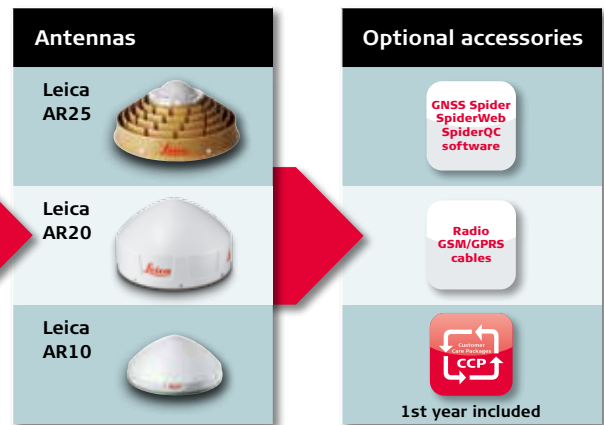
Leica Geosystems GNSS Reference Station Bundles

Select a bundle consisting of a multi-frequency GNSS (GPS, GLONASS, Galileo, BeiDou & QZSS) capable receiver and antenna of your choice. The Leica **GR10** and Leica **GR25 WLAN** are web enabled GNSS reference servers with streamlined workflow and advanced data management features including Smart Logging, Smart Clean-up and Smart Streaming. Additional interface ports allow connecting meteorological, tilt and other external devices. Both receivers have a rugged design, low power consumption, integrated RINEX logging, FTP server, SMTP server, Ntrip and support for a wide range of real-time data formats. The unique Site Monitor can be added optionally. It is ideal for a variety of real-time position monitoring applications. The Leica **AR10** is the most economic wideband reference station antenna with a

large ground plane and integrated radome. The Leica **AR20** is the high-end standard choke ring with unmatched multipath rejection, excellent phase centre characteristics and very low noise signal tracking. It is the ideal antenna for geodetic research as well as RTK networks. The Leica **AR25** is a revolutionary 3D choke ring that sets new standards in low elevation tracking. Each bundle includes the essential accessories. A wide range of optional software, such as Leica GNSS Spider, Leica SpiderWeb and Leica SpiderQC are available to complement your ATHENA bundle. With the one year Customer Care Package (CCP) included, you gain access to the latest firmware releases as well as our qualified customer support team.

Receivers				
Leica GR25 WLAN 	GPS L5 GLONASS Galileo BeiDou QZSS	20Hz* FTP Push RINEX Wake Up	Antenna & Data Cables Power supply Power cable	8 GB Secure Digital (SD) card
Leica GR10 	GPS L5 GLONASS Galileo BeiDou QZSS	20Hz* FTP Push RINEX Wake Up	Antenna & Data Cables Power supply Power cable	8 GB Secure Digital (SD) card

* 50Hz logging and streaming as additional option

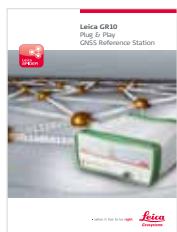


How to Participate

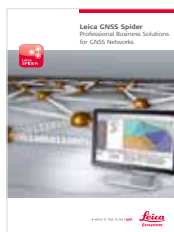
Thanks to the Leica Geosystems' ATHENA Program, any non-profit organisation that provides education and scientific research involving GNSS and Structural Monitoring has the potential to benefit in these rapidly growing applications. If you are interested in receiving additional information, please contact your local Leica Geosystems sales representative.

Your organisation qualifies for this special promotion if it is one of the following:

- An academic organisation – University, polytechnic, higher education college
- A research institution
- A current registered member of UNAVCO
- An organisation specifically involved in non-profit activities



Receivers
 Leica GR10
 Leica GR25
 Leica GMX902 Series
 Leica GMX901plus



Software
 Leica GNSS Spider
 Leica SpiderWeb
 Leica SpiderQC



Antennas
 Leica AR25
 Leica AR20
 Leica AR10



Leica ATHENA Monitoring
 Product brochure

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- when it has to be **right**

Leica
 Geosystems