

# GNSS Monitoring and Reference Station Receiver



Leica Geosystems' GMX902 family of streamlined receivers for deformation monitoring and real-time reference station applications has been extended with the GMX902 GNSS. This device offers 50Hz data rate, triple frequency and Galileo tracking. Additionally the existing GMX902 GG has been updated with high-speed serial ports and even lower power consumption than before.

The GMX902 GNSS thus is ideal for monitoring vibrations and movements of a wide variety of structures including bridges, high rise buildings, dams, landslides and more. As low cost, high-quality GNSS receivers, the GMX902 Series can densify RTK reference station networks and integrity monitoring together with Leica GNSS Spider.

The Leica GMX902 GNSS does not include costly extra functions and its power consumption only is 1.7W enabling it to operate much longer on solar, wind or backup power than other receivers.

The GMX902 GNSS integrates seamlessly with the Leica GNSS Spider advanced GNSS processing software for coordinate calculation and raw data storage and the Leica GeoMoS and Leica GNSS QC monitoring software for advanced data analysis, quality control integrity monitoring, analysis of movements, data archiving, limit checks, messaging and combination with other sensors.

The GMX902 GNSS supports GPS L1/L2C/L2P/L5, GLONASS L1/L2 and Galileo L1/E5a/E5b/E5a+b (AltBOC) tracking making it a safe investment for the future and one that will bring all the benefits of triple frequency and multi-GNSS systems as they become available over the next few years.