



Leica GM30

Ready for today and tomorrow

Monitoring professionals worldwide require timely position information of critical structures. Fast, accurate and reliable measurements are the basis for correct decisions. With 555 channels and a high-end GNSS processing platform, the Leica GM30 is the right choice. Future-proof and intelligent, this instrument delivers the highest quality results round the clock.

ALL-IN-ONE GNSS MONITORING RECEIVER

- Full feature onboard software
- Integrated communication solution (Ethernet, mobile Internet)
- Ruggedised dedicated monitoring receiver (IP68)
- Low energy consumption

HIGH-END GNSS TECHNOLOGY

- Impressive 555 channels available, 50 Hz data rate, up to 20 parallel data streams
- Multi-constellation: GPS, GLONASS, Galileo, BeiDou, NavIC, QZSS, SVAS
- Multi-frequency, code and phase observations
- Powerful Leica SmartTrack+ technology with advanced interference detection and mitigation



Part of the powerful Leica Geosystems Monitoring Solutions

As backbones of all GNSS monitoring installations, receivers must continuously evolve to meet rapidly changing GNSS demands. Leica GM30 easily delivers high-end, continuous, uninterrupted positioning and deformation accuracy for a vast number of monitoring applications. Whether monitoring dams, landslides, suspension bridges or offshore oil and gas platforms, be assured you have the reliability you need to avoid potentially dangerous and costly occurrences from happening. Equipped with advanced radio frequency power spectrum analysis, automatic spoofing and interference detection with notification, as well as advanced interference mitigation, interference is no longer a threat.

Always one step ahead, the Leica Geosystems' GNSS monitoring solution has proven reliable and future-proof. By combining a wide range of high-end equipment seamlessly with innovative software, services and support tools, professionals feel confident with Leica Geosystems Monitoring Solutions.

VERSATILE AND CUSTOMISABLE

- Multiple upgrade options to fit specific needs of any monitoring projects
- For both dynamic high-frequency or long-term monitoring
- Also available as L1 only receiver
- Combined with external devices (meteo, inclination sensors)

EASY TO INSTALL, EASY TO OPERATE

- User-friendly web interface
- Integrated Leica VADASE for fast movement detection and event based logging file protection
- Site Monitor for RTK position calculation
- Precise Point Positioning (PPP) using Hexagon SmartNet Global service as alternative or in addition to RTK for redundancy
- Onboard data logging and FTP/SFTP push

ALL YOUR MONITORING NEEDS FROM ONE PROVIDER

- Direct connection to Leica CrossCheck positioning service
- Seamless connection with Leica Spider and Leica GeoMoS
- Fast support on site and in real-time via Leica Active Assist