

# Leica ComGate10

## Plug & Play solution for monitoring communication

Monitoring Solutions



A low-power consumption mobile internet router that establishes a high speed with Long-Term Evolution (LTE) and reliable Transmission Control Protocol/Internet Protocol (TCP/IP) communication (including Wi-Fi) line for sensor configuration and data acquisition with Leica Geosystems' monitoring software.

### FEATURES

- Simple sensor connectivity via serial or USB
- Data transmission via mobile Internet UMTS/LTE Technology, Wi-Fi
- Communication fallback with secondary line
- Provides sensor cold boot
- Offers digital input/output and SMS management support

### PART OF THE MONITORING SOLUTION

- The Leica ComGate10 is fully integrated and an essential part of the Leica GeoMoS Monitoring Solution

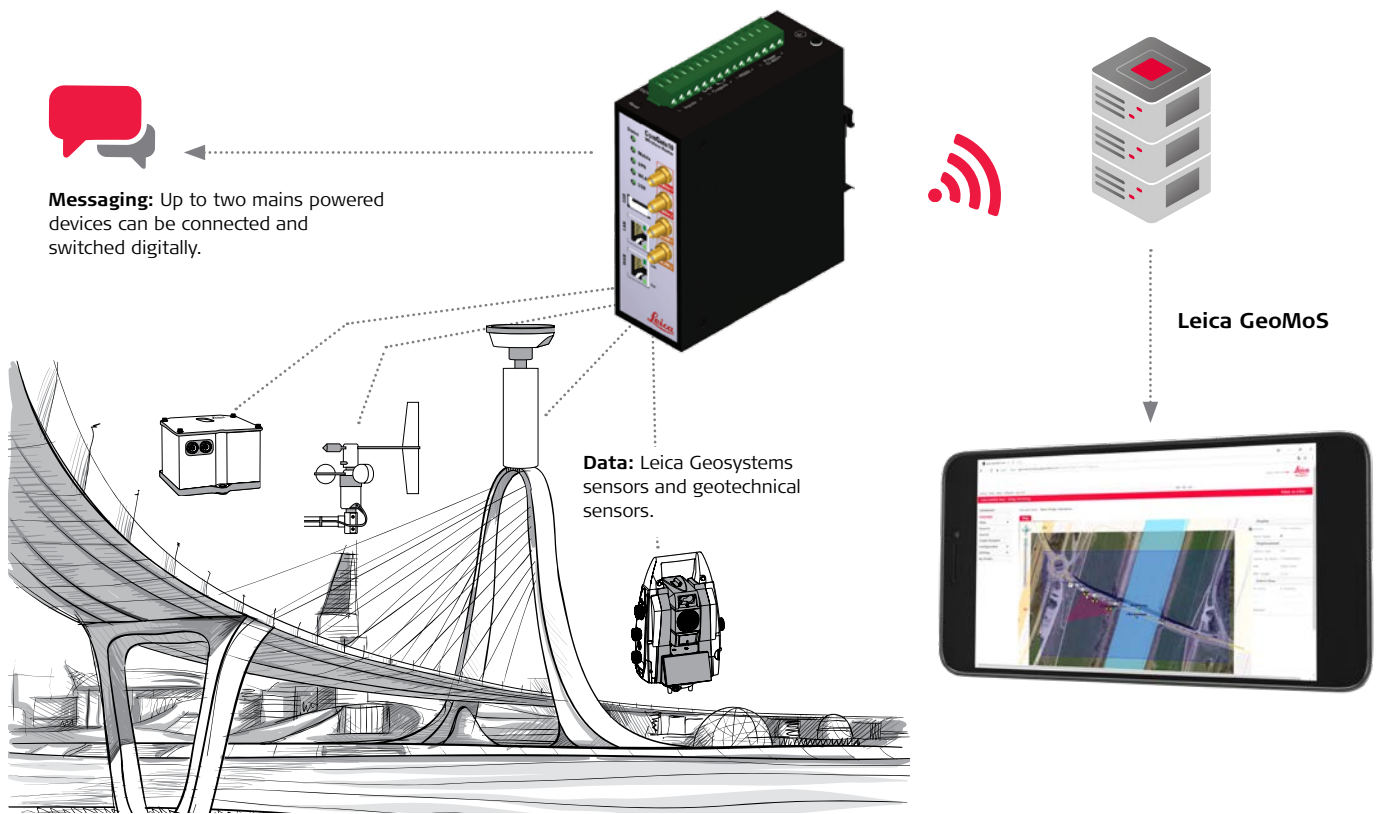
leica-geosystems.com



- when it has to be **right**

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HEXAGON



## Stable 24/7 Communication

The Leica ComGate10 offers easy installation, reliable communication, and the connection of multiple sensors and external devices. This increases the mobility for periodic or short-term monitoring systems.

It uses 2G GPRS, 3G UTMS and latest 4G LTE networks for the highest speed data link. Highly dense point clouds from laser scanners, high quality images and video streams from Leica MultiStations and web cams can be transmitted over modern mobile communication networks.

With the Wi-Fi connectivity the Leica ComGate10 can be easily integrated into existing WLAN infrastructures or can support wireless connections to sensors.

## Sensor Connectivity

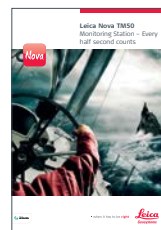
Supported simultaneous connection of up to two sensors:

- Leica MS60/TS60/MS50/TM50/TS50 via USB and RS232
- All other Leica Geosystems total stations via RS232
- Leica GMX910 / GMX902 series via RS232
- Leica Nivel210 via RS232
- Leica Nivel220 via RS232 to RS485 converter
- Meteo sensor via Ethernet and RS232
- Campbell Datalogger via RS232
- Web cams via Ethernet
- All 3rd party sensors over RS232

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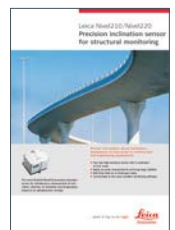
**Software/services:**  
LGS Monitoring brochure  
Leica GeoMoS Now!  
Leica CrossCheck



**Total Stations:**  
Leica Nova MS60  
Leica Nova TM50  
Leica Viva TS16



**GPS/GNSS:**  
Leica GMX910  
Leica GMX902 Series  
Leica GM30



**Other:**  
Leica Nivel210/220

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