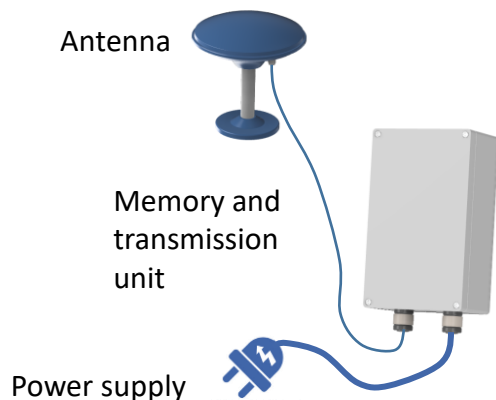


GNSS-Sensor



Dimensions

- Antenna: 10cm x 8cm x 2cm
- Memory unit: 30cm x 20cm x 15cm
- Transmission unit: 45cm x 40cm x 15cm

Key values

- Accuracy*
 - x, y : 1,3 mm (0.0512")
 - z: 2 mm (0.0788")

*) With installation of at least three sensor points, a fixed reference within a radius of about 2km and ideal satellite reception.

Data acquisition

- Measurement interval
 - Once a day
- Power supply
 - Possible with mains connection or PV and buffer battery
- Data transmission and -storage
 - NB-IoT, LTE-M
 - Cloud-based evaluation and display

Advantages

- Continuous, absolute motion monitoring (position changes, settlements, bends) of objects and components
- High accuracy
- Cost-efficient
- Monitoring platform with alarm function

Fields of application

- Condition monitoring of objects, infrastructures and buildings (bridges, buildings, industrial facilities, dams, walls, etc.)

Summary

The innovative SuessCo system enables continuous digital recording of absolute position changes for one or multiple objects and transmits this data to a monitoring platform. It accurately detects the positions of multiple antennas, providing real-time updates on position changes through an intuitive dashboard.

