

Mining - Geotechnical
Sale - Rental

DeviSight Surface

True North Azimuth Alignment System

The **DeviSight** is a portable battery operated system designed to make and record highly accurate measurements of True North azimuth, tilt and roll planes at drill sites.



Applications

- Diamond Drilling - Surface
- Reverse Circulation - Surface
- Geotechnical investigation
- Exploration

Benefits

- Available for sales or rental
- The most cost effective Azimuth finder for surface use - north seeking gyro alignment systems are significantly more expensive
- Export coordinates as digital data, no manual transcription
- PDF report for archives and QA
- High precision longitude, latitude and UTM coordinates
- Highly robust and reliable
- High precision system covering all Northern and Southern latitudes
- Glonass and GPS satellites

DeviSight Surface

The **DeviSight** is the most accurate and easy system available on the market. The instrument uses GPS carrier phase measurements to accomplish the azimuth alignment. The collar azimuth data can easily be transferred by Wi-Fi.

The GPS signal is used to record latitude, longitude and UTM coordinates of the alignment being measured.



KIT INCLUDES

- Rugged Electronic device
- Water resistant case
- Rod mounting bracket
- Wi-Fi interface
- Rechargeable battery
- Charger

Battery

The **DeviSight** rechargeable battery life provides 11-12 hours on a full charge, twice the capacity of its closest competitor.

PDA

A rugged portable IP67 PDA is utilised to initialise, activate, display results with a Wi-Fi direct signal.

Processing Software

DeviSight software is an instrument driven software that generated PDF generates reports and collects data from every azimuth capture.

Starting azimuth can be reviewed and verified at the drill site showing exact position and direction. This system is not magnetically affected and uses both types of navigation satellites (Glonass and GPS).

Data Transfer

PDF reports by Wi-Fi, Bluetooth or email.

Maintenance and set up

No maintenance is necessary with the **DeviSight Surface**. For highest precision, ensure no overhead obstruction to allow optimal signal from all available satellites. Devico supplies a multi-size fixing bracket in the kit.

Technical Specifications

Survey tool

Dimensions	57.6 cm x 9.6 cm x 4.3 cm/22.7" x 3.8" x 1.7"
Azimuth Accuracy	0.5° (capable to 0.4°)
Tilt and Roll Accuracy	10 sampling per sec.
Typical battery life	11-12 hours (depend on Wi-Fi usage)
Charge time	3 hours
Charger	100-240 VAC

Onboard Management software

Position (Lat./Long.)	30cm
Temperature range	-40°C to 70°C
Memory	8 GB
Satellite Constellations	GPS and GLOONASS (GNSS)
Wi-Fi connection supports	Android, iOS MS compatible

PDA

Type	Rugged smartphone
Software	None required
Battery life/type	15 hours/Lithium
IP rating	IP67



devico.com

