



True North Azimuth Alignment System

DeviSight

Non magnetic GPS compass for surface alignment application True North Azimuth, DIP, latitude and longitude coordinates.

- Record azimuth, latitude, longitude, azimuth, inclination, roll, date, time
- Most accurate system available in this category
- Final positions stored in a secure format



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. 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 and longitude coordinates of the alignment being measured. Highly accurate accelerometers allow transferring the alignment from a nearby location for e.g. fine tuning of rig alignment.

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

SPECIFICATIONS

<i>Azimuth Accuracy:</i>	0.5 degrees (capable to 0.4 degrees)
<i>Tilt and Roll Accuracy:</i>	+/- 0.1 degrees
<i>Azimuth Sampling Speed:</i>	10 per sec
<i>Typical battery life:</i>	LifePo4 (depend on Wi-Fi usage)
<i>Charge time:</i>	3 hrs
<i>Charger:</i>	100-240 VAC
<i>Dimensions:</i>	22.7" long, 3.78" deep and 1.7" tall (57.6cmx9.6cmx4.3cm)
<i>Onboard Management software</i>	
<i>Position (Lat/Long):</i>	30cm
<i>Temp:</i>	-40 °C to 70 °C
<i>Memory:</i>	8GB
<i>Satellite Constellations:</i>	GPS and GLONASS (GNSS)
<i>Wi-Fi connection supports:</i>	Android, iOS, MS compatible

KIT INCLUDES:

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

