

DeviaLIM features a rugged removable probe with a detachable cable head and data logger which allows for instant access and logging of borehole deviation.

The probe contains a dual axis 0360° inclinometer and digital compass.

DeviaLIM calculates, step by step, fixed interval borehole deviation from the collar position. Data is then transmitted to the surface via the cable and then recorded in the data logger. The probe, cable and data logger come delivered in a sturdy transport case



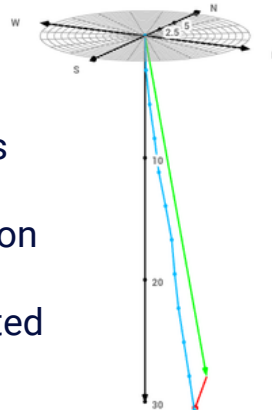
Cable is marked to locate the depth



	Target	Borehole
Radius (ft)	99.00	30.12
Inclination (deg)	14.00	12.80
Azimuth (deg/N)	14.40	116.24
Vertical Depth (ft)	96.06	29.37

Deviation: 21.83 ft, 158.59 deg, 179.94 deg/N

Drilled Length (ft)	Azimuth (deg)	Inclination (deg)
0	147.6	10.6
9	139.5	7.6
18	118.8	10.9
27	121	15.8
36	104.9	9.9
45	101.4	14.5
54	106.7	14.6
63	127.3	11.7
72	125.5	14.3
81	110.6	13.5
90	109.8	13.3
99	121.5	16.8



The web application **DeviaLIMsoft** processes data and prints a sectioned 3D visualization plan. The recorded data is listed in a summary table.

Technical specifications

Probe

- ✓ Azimuth: +/- 0.5° between 0 and 360°
- ✓ Inclination: +/- 0.5° between 0 and 360°
 - ✓ Weight: 1.8 kg (4 lb)
 - ✓ Dimensions: Ø 38 mm (1.5")
 - ✓ Length: 1100mm (43.3")
- ✓ Cable length: Standard = 30 m (98 ft), Max = 100m (328 ft)
- ✓ Inclinometer: 0-360° +/- 0.5°, resolution: 0.1°
- ✓ Compass: 0-360° +/- 1°, resolution: 0.1°
- ✓ Temperature: Operating: -10°C to +85°C (4 to 185°F)
Storage: -20°C to +125°C (-4 to 257°F)

Acquisition unit

- ✓ Watertight case, anti-vandal buttons;
- ✓ 2600 mAh Lithium-Polymer battery;
 - ✓ Autonomy ~ 20 hours;
 - ✓ Internal memory, microSD:1 Gb;
 - ✓ USB interface;
- ✓ Battery charge through USB or 9-36 volts input (duration of charge ~ 2h30);
- ✓ Dimensions: 180x120x45 mm (7x5x1.7");
- ✓ Poids: 0.5 kg (1.1 lb).