

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

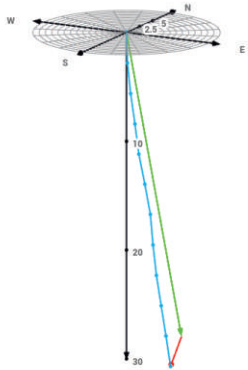
The probe contains a dual axis 0-360° inclinometer and digital compass.

The 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 datalogger come delivered in a sturdy transport



The DeviaLIM comes loaded with DeviaLIMsoft, software which not only processes data but prints a sectioned 3D visualization plan.

The recorded data is listed in a summary table.



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

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

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

Technical specifications

PROBE:

- Azimuth measurement, accuracy +/- 1° between 1 and 90°
- Tilt measurement, accuracy +/- 0,5° between 0 and 90°
- Weight: 1.8 kg (4 lb);
- Dimensions: Ø 38 mm (1.5") length 1100 mm (43.3");
- Cable length: Standard 30m (98 ft), Max 100m (328 ft)
- Inclinometer: 0-360° +/- 0,5°, resolution: 0.1°
- Compass: 0-360° +/- 0,5°, resolution: 0.1°
- Temperature: Operating: -10°C to +85°C Storage: -20°C to +125°C

USER INTERFACE:

- Watertight case, anti-vandal buttons;
- 2600 mAh Lithium-Polymer battery;
- Autonomy ~ 20h;
- Internal 1 GB micro-SD;
- USB Interface;
- Battery charge through USB or 9-36 Volts input (duration of charge ~ 2h30);
- Dimensions: 180x120x45 mm (7x5x1.7");
- Weight: 0.5 kg (1.1 lb).