

GeoMeasure DL100

32x Digital Level

Optics

Magnification	32x
Image	Erect
Resolving Power	3"
Field of View	1° 20'

Accuracy

Electronic Measurement	± 1.0 mm / km
Optical Measurement	± 1.5 mm / km
Distance Measurement	D ≤ 10 m : < ± 10 mm 10 m ≥ D ≤ 50 m : < 0.1 % D D ≥ 50 m : < 0.2 % D

Measurements

Range	2 m - 100 m
Measuring Time	< 3"
Horizontal Circle Graduation	360°
Measurement Unit	m

Compensator

Type	Magnetic Dampening and Pendulum Mechanism
Compensation Range	± 15'
Compensation Accuracy	0.3" / min
Setting Accuracy	± 0.4"

Readout

Elevation Readout Minimum	0.0001 m
Distance Readout Minimum	0.001 m

Data Storage

Internal	1000 Records
Interface	Micro-USB

Power Supply

Internal Battery	2200 mAh
Continuous Working Time	>20 Hours

Power Supply

Net Weight	1.9 kg
Protection Class	IP55 Dust and Waterproof Rating
Operating Temperature	- 20 °C - 50 °C

