



TRUE MEMS GYRO COMPASS

Low power technology
Independent readings
Fast WiFi transfer



NorthFinderTM

Data Sheet



NorthFinder Accuracy

Inclination	$\pm 0.1^\circ$
Gravity highside	$\pm 0.2^\circ$
Gyro Toolface	$\pm 2.5^\circ$ *
Azimuth	$\pm 2.5^\circ$ *
North finding time	$< 5 \text{ min}$

NorthFinder Specifications

Power consumption	1 W
Memory	8 GB
Communication method	WiFi
Temperature range	$-20^\circ \text{ C} - 70^\circ \text{ C}$
Dimensions	Diameter 32 mm, length 408 mm
Running gear	38 mm O.D. (1.75" heat shield option)

Battery Specifications

Charge lifetime	20 hours
Type	Rechargeable NiMH technology
Dimensions	Diameter 32 mm, Length 379 mm

Control & Processing

Field control unit	Algiz 7 or 10, rugged tablet PC (MIL-STD-810G)
Operating time	10 hours normal use
Survey software	isNorth for processing, presentation & quality control
Operating system	Windows XP, 7, 8, 10. 32 & 64 bit.
Transfer & processing time	$< 1 \text{ min}$

* Depending on latitude and inclination. The stated values are 1- σ equatorial accuracies.

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Solid experience
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