



## TRUE MEMS GYRO COMPASS

Low power technology  
Independent readings  
Fast WiFi transfer



# NorthFinder™

## 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 min

### NorthFinder Specifications

Power consumption	1 W
Memory	8 GB
Communication method	WiFi
Temperature range	-20° C - 70° 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 min

\* Depending on latitude and inclination. The stated values are 1- $\sigma$  equatorial accuracies.

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