



ULTRA-RUGGED DUAL GYRO TECHNOLOGY

Survey security

Independent backup

High rate - low power





Data Sheet



TwinGyro Accuracy

Inclination	$\pm 0.1^\circ$
Gravity highside	$\pm 0.2^\circ$
Gyro Toolface	$\pm 0.2^\circ$
Azimuth	$\pm 0.5^\circ$
Position	$< 0.2\%$ (2m / 1000m)*

TwinGyro Specifications

Rate capability	$\pm 1000^\circ / s$
Power consumption	0.4 W (0.2 W in single gyro mode, 10 mW in sleep mode)
Memory	4 GB
Communication method	Built in Bluetooth 2.1
Temperature range	$-20^\circ \text{C} - 80^\circ \text{C}$
Dimensions	Diameter 32 mm Length 378 mm
Running gear	38 mm O.D. (1.75" heat shield option)

Battery Specifications

Charge lifetime	100 hours (200 hours in single gyro mode)
Type	Rechargeable NiMH technology
Dimensions	Diameter 32 mm, Length 379 mm

Control & Processing

Field control unit	Algiz 10X, rugged tablet PC, (MIL-STD-810G)
Operating time	10 hours normal use
Survey software	Surveyor for processing, presentation & quality control
Survey modes	Multishot, continuous and delayed start. Dual or single gyro mode.
Operating system	Windows 7, 8, 10. 32 & 64 bit.
Transfer & processing time	< 5 min per hour of survey data

* Depending on borehole profile and survey procedure.

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