

Logging Compass



AOSI's newest EZ-Compass-3AL Logging Compass incorporates a three-axis magnetometer with tilt and temperature compensation and a high capacity integrated logger that allows independent storage of up to 20,000 measurements, which are easily transferable to any PC. The 1.5" x 2.0" x 0.5" module weighs about 11gr and outputs heading, pitch, roll, magnetic field and temperature over RS232 and RS422/RS485 ports by using all solid state components.

Compass measures tilt angles up to ± 90 arcdeg (± 180 optional) and includes tilt linearization, hard and soft iron calibrations. EZ-Compass-3AVL is a vertical version and EZ-Compass-3AHL is the horizontal version. Both versions fit 0.9" diameter openings and are able to provide accurate

directional and inclination drilling information for almost any drilling assignment.

Integrated RS-422 allows long distance (two kilometers) data communication. Major uses include marine navigation.

<https://www.hydro-international.com/content/news/logging-compass>
