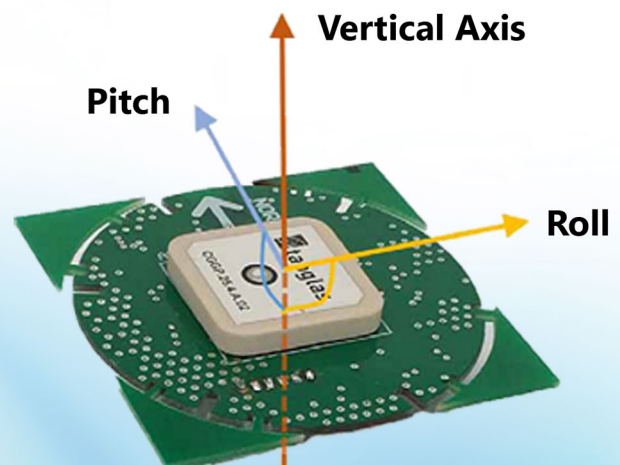


KA-GC9A 9-AXIS ELECTRONIC COMPASS WITH BUILT-IN HIGH ACCURACY GPS MODULE



- Low-Cost Solution for Heading Data
- Enhanced Performance
- User-Programmable
- Customizable GPS output sentences and baudrate
- Better Stability of Heading Output
- Real-Time Response Rate
- NMEA0183 Interface
- High-Grade Waterproof Housing
- Longevity of usage in the Marine Environment

SPECIFICATIONS

Interface (NMEA0183 ver 2.0):

- Baud rate: 4800
- Output sentences: GPRMC, GPGSA, GPGGA, GPGLL, GPVTG, GPHDT (5Hz)

Note: all output sentences are in intervals of 1 Hz unless specified.

Electrical:

- RS232, 18KV ESD

Power Supply

- 5V-15.5 V, Over-voltage and reverse polarity protected
- Power consumption: 450 mW

User Interface

- Uses 9-Axis E-Compass Manager

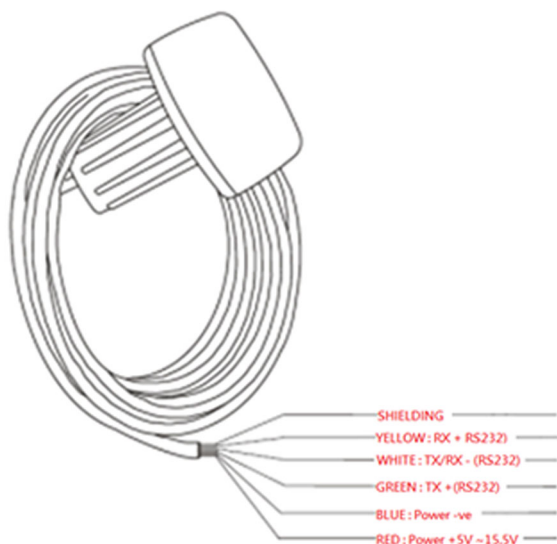
IMU (Inertial Measurement Unit)

- 9-Axis (Features a GPS/Glonass receiver coupled with a 9-axis AHRS unit providing 3D orientation by integrating gyroscopes and data fusing with accelerometers and magnetometers)

Equipment list:

- KA-GC9A with 10m cable 1 set

INTERCONNECTION DIAGRAM



DIMENSION

