iAHRS-V2

AHRS · iAHRS-V2

Attitude and heading sensor for compact designs with vibration and temperature changes (RB-SDA-v2 platform)

Representative image · V2_1 (CAN) appearance · rendered from the actual assembly 3D model

Coming soon · KC registration in progress · Sales begin after registration is complete.

Key features

Sensor configuration
Attitude and heading sensor combining the IMU inertial sensor and MAG magnetometer

USB common + interface by model
Base USB + RS-232 · _1 USB + CAN · _2 USB + RS-485. One unit provides USB plus the one additional interface selected

Machine-frame attitude · logging
Use zero and mounting-angle settings for machine-frame attitude, and record CSV data with the PC software

Form · interface · sensor configuration

Form	Housed sensor module · RB-SDA-v2 sensor platform
Interface models	iAHRS-V2: USB + RS-232 · iAHRS-V2_1: USB + CAN · iAHRS-V2_2: USB + RS-485
Inertial / magnetometer	6-axis IMU / MAG
Outputs	Roll · pitch · yaw, quaternion, acceleration · angular rate · magnetic field (see manual)
Power · pinout	See the manual and drawings for the selected interface model

Application examples

- Sending orientation data from a mobile robot or machine to a host controller — check sensor/machine frames, update interval, latency and magnetic conditions
- Evaluating a candidate for equipment with vibration or temperature changes — plan tests under actual installation conditions
- Connecting over a CAN or RS-485 network — review the _1 / _2 model together with adapters, wiring and termination

Downloads · inquiry

Product page

Product page robor.co.kr/product-info/en/iahrs-v2.html
Manuals · downloads robor.co.kr/downloads/
Quotation and supply schedule inquiry robor.co.kr/inquiry.html

Availability: Coming soon · KC registration in progress · Sales begin after registration is complete.

See the model manual for power, pinout, connection requirements and detailed specifications. Application examples support configuration planning. Contact ROBOR for pricing and supply schedules.

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