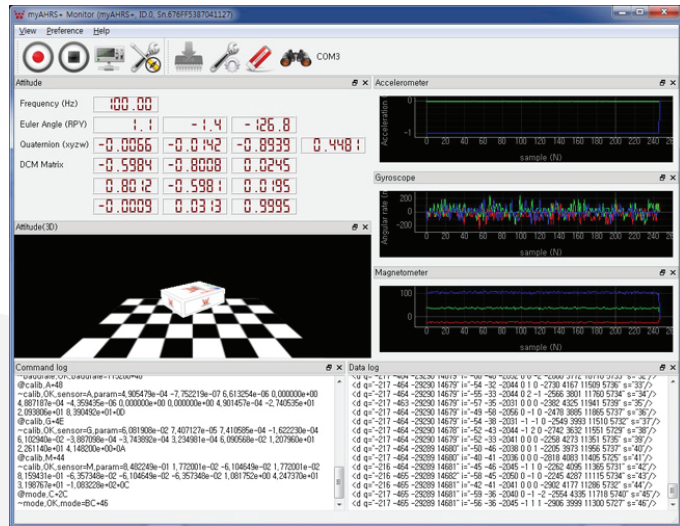
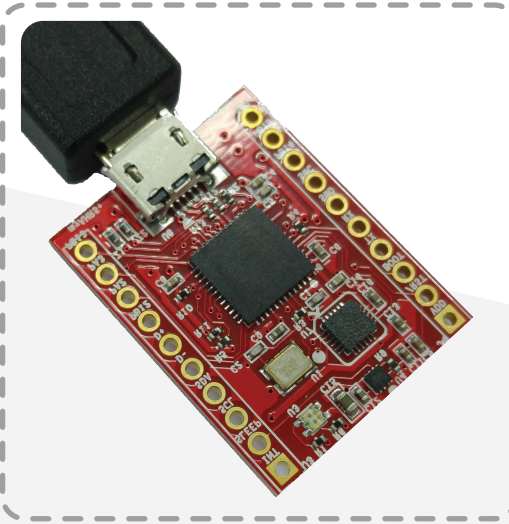


myAHRs+™

Low Cost Attitude Heading Reference System (AHRs)



Cost Effective

Attitude output is more stable to acceleration and magnetic disturbances than other low cost AHRs/IMU products.

Easy

The GUI(myAHRs+ Monitor) is available, which allows users configure all myAHRs+ settings, view attitude of myAHRs+ and IMU(Inertial Measurement Unit) data in real-time and save sensor data in a text file.

Compatibility

Communication and configuration are enabled via UART/USB/I2C interface for user applications.

Versatile

Custom user software may be developed using the example codes to parse the myAHRs+ packets.

Sensors	Triple axis 16-bit gyroscope: ± 2000 dps Triple axis 16-bit accelerometer: ± 16 g Triple axis 13-bit magnetometer: ± 1200 μ T
Output Data	Attitude : Euler angle, Quaternion Sensor : Acceleration, Rotation Rate, Magnetic Field
Output Rate	Max 100 Hz
Interface	USB : Virtual COM PORT UART : Standard baud rates up to 460,800 bps I2C
Supported OS	Windows 7/8/10, Linux
Software	myAHRs+ Monitor (Graphic User Interface) - Display attitude and sensor data on various viewer windows - Configuration - Magnetometer calibration
Size	21mm x 27mm (PCB)
LED	USB connection status (Red On/Off) Sensor operation status (Green On/Off)
Others	Data Ready Interrupt Output Sleep Mode for low power consumption