**Product Data Sheet**

**RM-1**
Ruggedized Mounting Kit

**Description**
The Ruggedized Mounting Adapter Kit (RM-1) for Sparton’s AHRS-8 and DC-4E inertial sensor systems provides a convenient connection of the sensor to a user’s application. It provides the hardware interface required and supports connection to the application via a standard size USB connector.

The six foot cable provides a FTDI USB to serial interface to the AHRS-8 or DC-4E inertial systems. Alternatively, the user can eliminate the USB connector and wire directly to the application platform if desired (the board and its associated cable provides power, ground, and a UART interface).

**Features of RM-1**
- Low insertion force sensor mating sockets for easy plug-in installation
- Six foot cable provides FTDI USB to serial interface with standard USB connector
- Rugged ABS plastic housing
- Easily convertible from USB to a UART interface by removal of the USB connector
- Retainer clip to restrain the Sparton inertial systems in the event of platform dynamics, shock or vibration
- Encapsulated cable interface cavity provides strain relief and water resistant cable connection to housing
- Mounting holes facilitate convenient assembly to the application platform
- Compact size, measures only 2.6 x 1.2 inches
- RoHS Compliant Product

**Typical Applications**
- Sensor evaluation and testing
- Provides turn-key hardware interface to Sparton AHRS-8 or DC-4E inertial systems
- Facilitates ease of sensor platform integration

**RM-1 Kit Contents**
- Ruggedized Mounting Adapter Board with attached FTDI USB cable (inertial systems sold separately)
- Retainer clip

**Mechanicals**

RM-1 is not recommended for high accuracy requirements. Contact us for other mounting options. Please visit us at www.spartonnavex.com for additional information on the Sparton Navigation and Exploration line of inertial systems. For more information and detailed specifications scan QR code. For support, please e-mail: productsupport@sparton.com

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