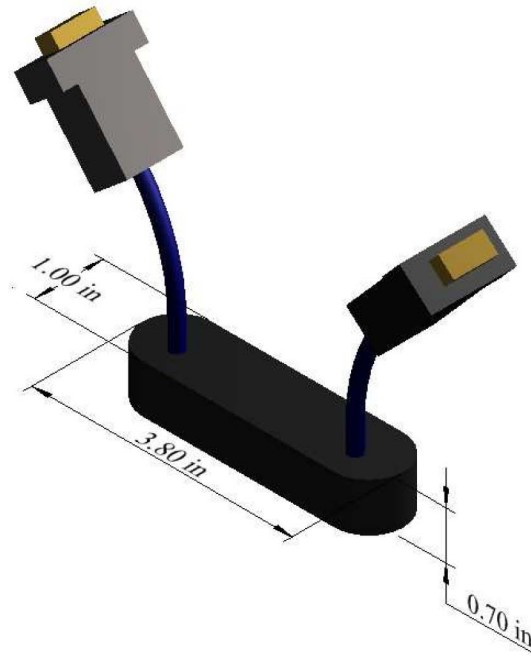


Zydash

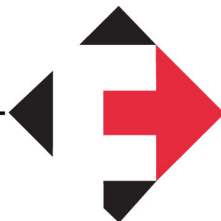
Intelligent Environmental Sensors



ZIMM (Zydash Intelligent Micro Module)

The adaptable ZIMM can easily be programmed for multiple uses with different communication protocols and baud rates. The flexibility and adaptability of this rugged device combined with ease of use make it a very powerful and useful device for many applications in most any environment. Contact Zydash at 509-526-4482 or on the web at <http://www.zydash.com/home.php> for additional information.

- **Baud Rate in Bits Per Second (BPS)**
 - 9600 – Standard
 - Adjustable from 1200 to 57,600
- **Cables**
 - Provided with outdoor rated stranded CAT-5 cable with connectors installed
 - Connectors are 1 each male and female
 - Custom cables, lengths and/or connectors may be available



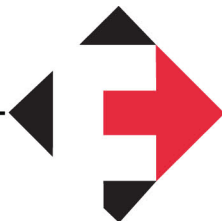
M. S. Foster & Associates, Inc.

1866 N. Country Lane, Michigan City, IN 46360
Phone 219-380-3266 or 219-879-9225 • Toll Free 888-452-4053
Fax 219-879-9313 • email: sales@msfoster.com
www.msfoster.com

- Contact Zydax with specific needs
 - Changes may affect purchase price
- **Communications**
 - RS232 in - Standard
 - RS232 out - Standard
 - Any combination of RS232 and RS485 communications are available by contacting Zydax with specific needs
 - Changes may affect purchase price
- **Connections**
 - Standard with 9 pin RS232 connections
 - One each male and female connections
 - Custom connections provided as required to meet custom cable or communication needs
 - Changes may affect purchase price
- **Dimensions**
 - Length 3.8 inches (9.652 cm)
 - Width 1.0 inches (2.54 cm)
 - Height .7 inches (1.78 cm)
 - Dimensions do not include cables or connectors
- **Electrostatic Discharge Protection (ESD)**
 - Standard
- **Memory**
 - 4 KB RAM
 - 8 KB magnetic RAM (non-volatile)
- **Polarity protection**
 - The ZIMM is polarity protected
- **Power Requirements**
 - 6~30 Volts DC -- internally protected
 - Can be powered from multiple sources including unused RS-232 signals
 - 7 mA typical draw
 - Power is provided through one of the 9 pins in the RS232 connection
 - Power supplies for this device available from Zydax
- **Processor Speed**
 - Programmable, 10 KHz - 48 MHz
 - Set to meet your specific needs and application by Zydax
- **Programming**
 - Zydax can quickly and cost effectively program this device to meet your needs.
 - Development kits may be purchased from Zydax to allow custom programming by the purchaser if desired.
 - This option is typically only used for very large purchases.

- **Temperature Rating**
 - -40°C to +60°C operational temperatures
 - -60°C to +90°C survivability temperatures

- **Weather Proofing**
 - The ZIMM is encapsulated in durable epoxy and is waterproof
 - Connections made during the installation must be made and waterproofed as required for the specific install.



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