



1-Port Network Interface Module

The i-POWER-M1™ network interface module from Electronic Design Technology provides users with an affordable single port communications interface between the i-LiNE products and intelligent controllers. The i-POWER-M1 network interface module also provides users with an affordable supply of power for the i-LiNE products.

The i-POWER-M1 links the i-LiNE network to an intelligent controller through an RS-232 communication port.

The i-POWER-M1 module also provides the 12 volt power supply required by the i-LiNE products. Up to 254 i-LiNE products in one network can be connected to the i-POWER-M1 module. There are several power supplies available which plug into a standard 115 VAC 60 Hz or 220 VAC 50 Hz outlet to power the i-POWER-M1 and the i-LiNE network. It is recommended that the power is supplied by an uninterruptible power supply (UPS) in order to maintain the communications between the i-LiNE products in the event of power outages. A minimum 500VA UPS is recommended for a full string of 254 i-LiNE products.



Features and Benefits:

- Reliable communications using readily available twisted pair wiring.
- Accepts RS-232 communication from an intelligent controller.
- Connects to most intelligent controllers
- i-LiNE products are self configuring and addressing, no need to set and remember unit addresses.
- i-LiNE Protocol provides fast, robust, and high quality data communications.
- Provides two-way communication allowing command receipt verification and status reporting.
- Mounting Flanges on the i-POWER-M1 enclosure allow for easy wall mounting.

Specifications:

i-POWER-M1 Interface Module

Model Number:	iP002
Power Consumption:	65 VA
Input Voltage:	12 Volts DC
Output Voltage:	12 Volts DC
Operating Temperature:	0° to 40° C
Storage Temperature:	-40° to 80° C
Humidity:	0 to 95% RH non-condensing
Available Colors	Black

LIMITED ONE YEAR WARRANTY AND EXCLUSIONS

Electronic Design Technology warrants to the original customer purchaser and not for the benefit of anyone else that this product at the time of its sale by Electronic Design Technology is free of defects in materials and workmanship under normal and proper use for one year from the purchase date. Electronic Design Technology's only obligation is to correct such defects by repair or replacement, at its option, if within such one year period the product is returned prepaid, with proof of purchase date, and a description of the problem to Electronic Design Technology, Attn: Warranty Department, 707 North Green Street, Longview, TX 75601. This warranty excludes and therefore is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There is no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to one year. Electronic Design Technology is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of any equipment, lost sales or profits or delay of failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

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CAUTION: This product is neither designed nor intended for medical, medical related, life sustaining, life support, or other critical applications in which product failure could lead to personal injury or death. Use of this product as a component of devices and/or systems having these applications is neither warranted nor authorized.

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