



# ***IE-PowerTray/18-AC***

## ***Operation Manual***

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## **FCC Radio Frequency Interference Statement**

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This equipment has been tested and found to comply with the limits for a Class A computing device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which the user will be required to correct the interference at his own expense.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

The use of non-shielded I/O cables may not guarantee compliance with FCC RFI limits. This digital apparatus does not exceed the Class A limits for radio noise emission from digital apparatus set out in the Radio Interference Regulation of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de classe A prescrites dans le Règlement sur le brouillage radioélectrique publié par le ministère des Communications du Canada.

## **Warranty**

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IMC Networks warrants to the original end-user purchaser that this product, EXCLUSIVE OF SOFTWARE, shall be free from defects in materials and workmanship under normal and proper use in accordance with IMC Networks' instructions and directions for a period of six (6) years after the original date of purchase. This warranty is subject to the limitations set forth below.

At its option, IMC Networks will repair or replace at no charge the product which proves to be defective within such warranty period. This limited warranty shall not apply if the IMC Networks product has been damaged by unreasonable use, accident, negligence, service or modification by anyone other than an authorized IMC Networks Service Technician or by any other causes unrelated to defective materials or workmanship. Any replaced or repaired products or parts carry a ninety (90) day warranty or the remainder of the initial warranty period, whichever is longer.

To receive in-warranty service, the defective product must be received at IMC Networks no later than the end of the warranty period. The product must be accompanied by proof of purchase, satisfactory to IMC Networks, denoting product serial number and purchase date, a written description of the defect and a Return Merchandise Authorization (RMA) number issued by IMC Networks. No products will be accepted by IMC Networks which do not have an RMA number. For an RMA number, contact IMC Networks at PHONE: (800) 624-1070 (in the U.S and Canada) or (949) 465-3000 or FAX: (949) 465-3020. The end-user shall return the defective product to IMC Networks, freight, customs and handling charges prepaid. End-user agrees to accept all liability for loss of or damages to the returned product during shipment. IMC Networks shall repair or replace the returned product, at its option, and return the repaired or new product to the end-user, freight prepaid, via method to be determined by IMC Networks. IMC Networks shall not be liable for any costs of procurement of substitute goods, loss of profits, or any incidental, consequential, and/or special damages of any kind resulting from a breach of any applicable express or implied warranty, breach of any obligation arising from breach of warranty, or otherwise with respect to the manufacture and sale of any IMC Networks product, whether or not IMC Networks has been advised of the possibility of such loss or damage.

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## About the IE-PowerTray/18-AC

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The IE-PowerTray/18-AC is a modular enclosure for installing up to 18 IMC Networks Compact Converter Form Factor miniature media converters. IE-PowerTray/18-AC features an internal AC power supply.

- MiniMc
- Giga-MiniMc
- MiniMc-Gigabit
- IE-Giga-MiniMc
- IE-MiniMc
- IE-ModeConverter

NOTE
All the above will be referred to as Compact Converter Form Factor throughout this manual.

## Installing IE-PowerTray/18-AC

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The IE-PowerTray/18-AC mounts into an equipment rack. IMC Networks recommends turning OFF the power to the chassis before proceeding.

To install a Compact Converter Form Factor, make sure the data connectors are facing the front of the tray. Slide the Compact Converter Form Factor into the IE-PowerTray/18-AC, using the guides, until the Compact Converter Form Factor is firmly seated in the backplane. Attach the network cables between the Compact Converter Form Factor and other devices that will be interconnected. Plug the chassis into a power source and turn the chassis power switch to ON. There is a green LED located on the back of the unit that indicates when the unit has power.

Compact Converter Form Factor units are hot-swappable when installing in the IE-PowerTray/18-AC. Refer to the installation guide shipped with Compact Converter Form Factor for information on its operation.

## Electrostatic Discharge Precautions

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Electrostatic discharge (ESD) can cause damage to any product, add-in modules or stand alone units, containing electronic components. Always observe the following precautions when installing or handling these kinds of products

1. Do not remove unit from its protective packaging until ready to install.
2. Wear an ESD wrist grounding strap before handling any module or component. If the wrist strap is not available, maintain grounded contact with the system unit throughout any procedure requiring ESD protection.
3. Hold the units by the edges; do not touch the electronic components or gold connectors.
4. After removal, always place the boards on a grounded, static-free surface, ESD pad or in a proper ESD bag. Do not slide the modules or stand alone units over any surface.



**WARNING!** Integrated circuits and fiber optic components are extremely susceptible to electrostatic discharge damage. Do not handle these components directly unless you are a qualified service technician and use tools and techniques that conform to accepted industry practices.

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## IMC Networks Technical Support

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**E-Mail:** [techsupport@imcnetworks.com](mailto:techsupport@imcnetworks.com)

**Web:** [www.imcnetworks.com](http://www.imcnetworks.com)

## **Specifications**

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### **Power Consumption (Typical)**

#### **AC Input Load**

100 to 240  $\pm$ 10% VAC, 50/60Hz, 1.5 to 0.75A

#### **Operating Temperature**

-4°F to +158°F (-20°C to +70°C)

#### **Storage Temperature**

-40°F to +185°F (-40°C to +85°C)

#### **Humidity**

5 to 95% (non-condensing); 0 to 10,000 ft. altitude

#### **Dimensions**

2.30"H x 16.97W x 9.25"D (5.80 x 43.10 x 23.5 cm)

## Safety Certifications

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- UL/CUL: Listed to Safety of Information Technology Equipment, including Electrical Business Equipment.
- CE: The products described herein comply with the Council Directive on Electromagnetic Compatibility (2004/108/EC) and the Council Directive on Electrical Equipment Designed for use within Certain Voltage Limits (2006/95/EC). Certified to Safety of Information Technology Equipment, Including Electrical Business Equipment. For further details, contact IMC Networks.



European Directive 2002/96/EC (WEEE) requires that any equipment that bears this symbol on product or packaging must not be disposed of with unsorted municipal waste. This symbol indicates that the equipment should be disposed of separately from regular household waste. It is the consumer's responsibility to dispose of this and all equipment so marked through designated collection facilities appointed by government or local authorities. Following these steps through proper disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about proper disposal, please contact local authorities, waste disposal services, or the point of purchase for this equipment.





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