IMC-595MPI

Industrial 4TX/1SFP Light Managed PoE BT Media Converter



Features

- Versatile 5-port, up to 180W power output media converter at extended temperature
- Supports Switch/Injector mode setting by SNMP/iView
- Supports SNMP/iView for remote management
- Dip switch for LFPT and Power Force mode
- Supports LLDP
- Supports Jumbo Frames up to 9,216 bytes
- Supports Modbus Tcp
- Supports Broadcast Storm Control ON/OFF



Introduction

Advantech's IMC-595MPI three-in-one mega PoE media converter is a compact, industrial grade solution that can serve as a fiber-to-Ethernet media converter, a 90W*2 PoE injector and a light management Ethernet switch.

It supports Link Fault Pass Through(LFPT) and Force-Power functionality. It also allows flexible topology by switching from injector mode to switch mode. Therefore it is best fit used in harsh environment which needs slight network deployment changes.

Specifications

Communications

Standard IEEE 802.3, 802.3u, 802.3x, 802.3af/at/bt, 802.3ab,

802.3z

LAN 4 x 10/100/1000Mbps(RJ-45)+

1 x 100/1000Mbps(SFP)

• Transmission Distances See product startup manual

Transmission Speed Up to 1000 Mbps

Interface

• Connectors 4 x RJ-45 (2 x PoE)

1 x SFP

• **DIP Switch** PIN1 PoE Force Mode: ON/OFF (default OFF)

PIN2 LFPT: ON/OFF (default ON)

• **LED Indicators** System/Status//PoE

UTP:/Speed/LNK/ACT Fiber(P5): LNK/ACT

Power

Power Consumption IMC-595MPI-A: 182W

IMC-595MPI-PS-A: 122W

■ Power Input 55~57V_{DC}

• **Power Output** 2 x Gigabit PoE, up to 120W with AC adaptor

2 x Gigabit PoE, up to 180W with DC power supply

• Connectors 2P Pluggable Terminal Block, DC Jack

Physical

Enclosure IP30, Metal shell with solid mounting kits
Dimensions (W x H x D) 92.5 x 98 x 21 mm (3.65 x 3.86 x 0.83 in.)

Mounting
Wall, DIN-rail

Protection

Reverse Polarity Present

Environment

• **Operating Temperature** IMC-595MPI-A: $-40 \sim 75$ °C ($-40 \sim 167$ °F)

IMC-595MPI-PS-A: -10 ~ 40°C (-14~104°F) IMC-595MPI-A: -40 ~85°C (-40~185°F)

■ Storage Temperature IMC-595MPI-A: -40 ~85°C (-40~185°F) IMC-595MPI-PS-A: -10 ~ 40°C (-14~104°F)

Operating Humidity
Storage Humidity
MTBF
MC-95% (non-condensing)
IMC-595MPI-A: 699,158 hours
IMC-595MPI-PS-A: 244,570 hours

Certification

■ EMI CE, FCC Class A,

EMS EN 61000-4-2 EN 61000-4-3

EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-4-8

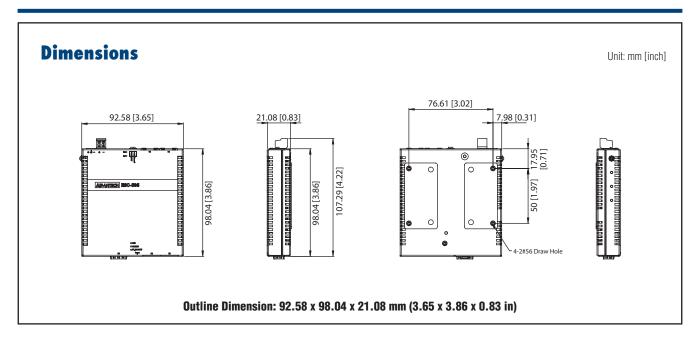
Shock IEC 60068-2-27

Freefall
Federal Standard 101 Method 5007 Testing procedure

В

• **Vibration** IEC 60068-2-6

Patent http://www.advantech.com/legal/patent



Ordering Information

■ IMC-595MPI-A Industrial managed PoE bt media converter

■ IMC-595MPI-PS-A Industrial managed PoE bt media converter with 160W

adapter

• **IMC-595PS-160** 160W AC adapter (sold separately)

 * SFP fibers sold separately – available at www.advantech.com