

# IMC-480 / 490

## 10/100Mbps PoE Media Converter 10/100/1000Mbps PoE+ Media Converter



### Features

- Supports one fixed optical connector with single-mode, multi-mode, or SFP, and two RJ-45 ports
- One RJ-45 port serves as PoE-PSE
- Supports internal AC power
- IEEE802.3at/af compliant (IMC-490) or IEEE802.3af compliant (IMC-480)
- Supports jumbo frame functionality (up to 10240 bytes)
- Supports configurable PoE reset on fiber Loss of Signal (LOS)
- Support Link Fault Pass Through (LFPT)

### Introduction

IMC-480 and 490 are the perfect solutions for network applications that require Power-over-Ethernet (PoE) for locations inside buildings where PoE is required to power an Ethernet device. The IMC-480 and 490 series offer three ports: one fiber uplink for the network connection, one PoE/PSE copper port that provides Power-over-Ethernet, and one copper port to connect a non-PoE unit to the same fiber uplink.

As a fiber media converter, it provides both power (up to 15.4W with IMC-480 and 25.5W with IMC-490) and data to a single remote device over standard CAT5, eliminating the need for additional power to the end device at the remote site. Additionally, the IMC-480/490 media converters come with an internal AC power supply and support jumbo frames up to 10240 bytes. The IMC-480/490 series features Link Fault Pass Through (LFPT) with a DIP switch that has a diagnostic feature which can be enabled or disabled to assist the end user in troubleshooting a failed segment.

### Specifications

Technical	
IEEE 802.3, 802.3u (IMC-480 series)	
IEEE 802.3, 802.3u, 802.3ab (IMC-490 series)	
IEEE 802.3af Power over Ethernet 15.4W (IMC-480 series)	
IEEE 802.3at/af Power over Ethernet 25.5W (IMC-490 series)	
Plug-and-Play operation	
Supports diagnostic LEDs	
Supports AutoCross MDI/MDIX, LinkLoss and FiberAlert	
Supports Auto Negotiation	
Supports jumbo frame up to 10240 bytes	
One PoE-PSE for RJ-45	
Power Input	
100-240 VAC, 50/60Hz, 0.5A to 0.2A	

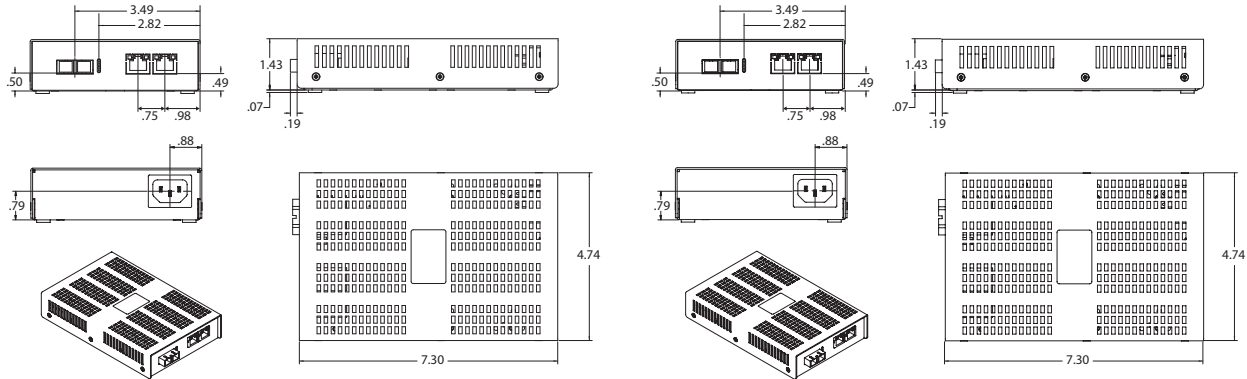
Environment	
Operating Temperature	0 to +50 °C (+32 to +122 °F)
Storage Temperature	-40 to +85 °C (-40 to +185 °F)
Operating Humidity	5 ~ 95% (non-condensing)
	0 ~ 10,000 ft. altitude
Mechanical	
Dimensions (H x W x D)	3.71 x 12.09 x 18.59 cm (1.46 x 4.76 x 7.32 in)
Weight	0.58 kg (1.3 lb)
Certifications	
CE, FCC Class A, UL/cUL, CSA	

**Dimensions**

Unit: inch

**IMC-480**

**IMC-490**



**Ordering Information**

**Media Converter w/ US power cord**

Part Number	Also Known As	Ethernet Speed	PoE PSE	Optical Mode	Wavelength	Distance	Optical Connector	Ethernet Connector
IMC-480-M8-US	852-11713	10/100 Mbps	PoE	Multi-Mode	850 nm	2 km	SC	2 x RJ45
IMC-480-M8ST-US	852-11712	10/100 Mbps	PoE	Multi-Mode	850 nm	2 km	ST	2 x RJ45
IMC-480-MM-US	852-11715	10/100 Mbps	PoE	Multi-Mode	1300 nm	5 km	SC	2 x RJ45
IMC-480-MMST-US	852-11714	10/100 Mbps	PoE	Multi-Mode	1300 nm	5 km	ST	2 x RJ45
IMC-480-SE-US	852-11717	10/100 Mbps	PoE	Single-Mode	1310 nm	40 km	SC	2 x RJ45
IMC-480-SEST-US	852-11716	10/100 Mbps	PoE	Single-Mode	1310 nm	40 km	ST	2 x RJ45
IMC-490-M1-US	852-11913	10/100/1000 Mbps	PoE+	Multi-Mode	1300 nm	2 km	SC	2 x RJ45
IMC-490-MM-US	852-11912	10/100/1000 Mbps	PoE+	Multi-Mode	850 nm	550 m	SC	2 x RJ45
IMC-490-SM-US	852-11914	10/100/1000 Mbps	PoE+	Single-Mode	1310 nm	10 km	SC	2 x RJ45
IMC-490-SFP-US	852-11911	10/100/1000 Mbps	PoE+	Various	Various	Various	SFP	2 x RJ45

**Media Converter w/o power cord**

Part Number	Also Known As	Ethernet Speed	PoE PSE	Optical Mode	Wavelength	Distance	Optical Connector	Ethernet Connector
IMC-480-M8	-	10/100 Mbps	PoE	Multi-Mode	850 nm	2 km	SC	2 x RJ45
IMC-480-M8ST	-	10/100 Mbps	PoE	Multi-Mode	850 nm	2 km	ST	2 x RJ45
IMC-480-MM	-	10/100 Mbps	PoE	Multi-Mode	1300 nm	5 km	SC	2 x RJ45
IMC-480-MMST	-	10/100 Mbps	PoE	Multi-Mode	1300 nm	5 km	ST	2 x RJ45
IMC-480-SE	-	10/100 Mbps	PoE	Single-Mode	1310 nm	40 km	SC	2 x RJ45
IMC-480-SEST	-	10/100 Mbps	PoE	Single-Mode	1310 nm	40 km	ST	2 x RJ45
IMC-490-M1	-	10/100/1000 Mbps	PoE+	Multi-Mode	1300 nm	2 km	SC	2 x RJ45
IMC-490-MM	-	10/100/1000 Mbps	PoE+	Multi-Mode	850 nm	550 m	SC	2 x RJ45
IMC-490-SM	-	10/100/1000 Mbps	PoE+	Single-Mode	1310 nm	10 km	SC	2 x RJ45
IMC-490-SFP	-	10/100/1000 Mbps	PoE+	Various	Various	Various	SFP	2 x RJ45

**Accessories**

Part Number	Description
895-39226	Rackmount Bracket
895-39227	Wallmount Bracket

\* SFP fibers sold separately – available at [www.advantech.com](http://www.advantech.com)

# Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



## AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

 Uhlířská 1064/3, 710 00 Ostrava, Česká republika

 obchod@autocont-ipc.cz

 +420 552 301 002

 [www.autocont-ipc.cz](http://www.autocont-ipc.cz)



### PRŮMYSLOVÉ POČÍTAČE

*fanless embedded PC, do racku, ...*



### POČÍTAČE S DISPLEJEM

*panelové PC, terminály, do vozidel, ...*



### AUTOMATIZACE A SBĚR DAT

*převodníky, karty, moduly, switche, ...*



### PERIFERIE A KOMPONENTY

*monitory, klávesnice, desky, skříně, ...*



### NOTEBOOKY A TABLETY

*odolné, windows, android, IP65, ...*



### INFORMAČNÍ KIOSKY

*interiérové, venkovní, ...*



### MEDICÍNSKÁ TECHNIKA

*počítače, tablety, LCD, klávesnice, ...*



### SOFTWAREVÁ ŘEŠENÍ

*pro výrobu, zaměstnance, kiosky, ...*



### PŘEJÍT DO E-SHOPU

[eshop.autocont-ipc.cz](http://eshop.autocont-ipc.cz)



### DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



### PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



### ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



### SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.