

# IMC-700

## Modular Media Converter Chassis



### Features

- Designed for a variety of media and mode conversion modules
- Supports a wide range of protocols and future-proof upgrade paths
- High flexibility for module combinations for different environments
- Supports AC or DC power
- Standard and extended temperature models available
- Provides 3/6/20-slot chassis that supports low to high density deployment
- Supports SNMP management that uses optional SNMP management module for 3/6/20-slot chassis
- Supports fan test feature

### Introduction

The IMC-71x series provides conversion of Ethernet-to-fiber and a variety of networking technologies. It enables network operators to drastically reduce the capital and operational expenses by providing all copper-to-fiber and multi-mode to single-mode conversions and network distance extensions. This modular approach allows network operators to inexpensively change protocols by simply changing the module rather than the entire unit. With AC or DC power options, it is a economical way to overcome a variety of media and mode conversion challenges.

The IMC-713/716/719 series has the highest port density in the industry -- along with a robust design, hot-swappable architecture, SNMP management via iView<sup>2</sup>, and redundant power supplies for fault tolerance, which a diverse range of applications, using a variety of protocols, require. The temperature controlled fans in the IMC-713/716 chassis activate only when the chassis reaches a certain temperature, thereby extending the life of the fans. The fans on the IMC-719 series can be remotely controlled via SNMP.

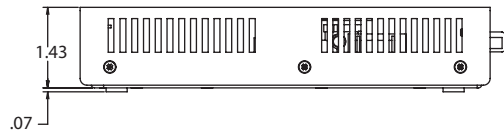
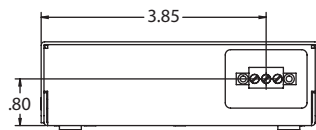
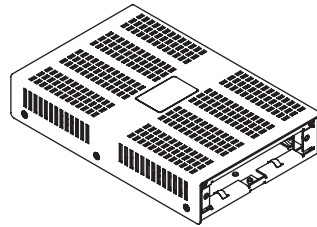
| Part Number            | IMC-711-AC   | IMC-7111-AC & IMC-7111-DC  | IMC-712-AC  | IMC-7121-AC & IMC-7121-DC   |
|------------------------|--|--|---|---|
| # of slot              | 1  | 1  | 2   | 2   |
| Dimensions (H x W x D) | 3.81 x 12.03 x 18.54 cm<br>(1.5 x 4.74 x 7.3 inch)   | AC: 2.28 x 10.92 x 10.16 cm<br>(0.90 x 4.30 x 4.00 inch)<br>DC: 3.81 x 12.03 x 18.54 cm<br>(1.5 x 4.74 x 7.3 inch) | 5.81 x 12.03 x 18.54 cm<br>(2.29 x 4.74 x 7.3 inch) | 5.81 x 12.03 x 18.54 cm<br>(2.29 x 4.74 x 7.3 inch)   |
| Weights                | 0.73 kg (1.6 lbs)  | AC: 0.27 kg (0.6 lbs)<br>DC: 0.73 kg (1.6 lbs)   | 0.86 kg (1.9 lbs)                                   | 0.86 kg (1.9 lbs)   |
| AC Power Input         | 100-240 V <sub>AC</sub> , 50/60Hz, 1.0A  | 100-240 V <sub>AC</sub> , 50/60Hz, 1.0A  | 100-240 V <sub>AC</sub> , 50/60Hz, 1.0A             | 100-240 V <sub>AC</sub> , 50/60Hz, 1.0A   |
| DC Power Input         | -  | DC Terminal: 7-50V DC, 3A-0.1A<br>(IMC-7111-AC)<br>35-75 VDC, 500mA<br>(IMC-7111-DC)                               | -   | 35-75 V <sub>DC</sub> , 1.5A@75V <sub>DC</sub>  |
| MTBF                   | 463,377 hours  | 463,377 hours (IMC-7111-AC)<br>786,637 hours (IMC-7111-DC)   | 471,063 hours                                       | 239,918 hours (IMC-7121-AC)<br>606,916 hours DC (IMC-7121-DC)                                     |
| Operating Temperature  | 0 to +50 °C (+32 to +122 °F)   | -40 to +70 °C (-40 to +158 °F)<br>(IMC-7111-AC)<br>-35 to +80 °C (-31 to +176 °F)<br>(IMC-7111-DC)                 | 0 to +50 °C (+32 to +122 °F)                        | -20 to +70 °C (-4 to +158 °F)<br>(IMC-7121-AC)<br>-35 to +80 °C (-31 to +176 °F)<br>(IMC-7121-DC) |
| Storage Temperature    | -40 to +85 °C (-40 to +185 °F)   | -40 to +85 °C (-40 to +185 °F)   | -40 to +85 °C (-40 to +185 °F)                      | -40 to +85 °C (-40 to +185 °F)  |
| Operating Humidity     | 5-95% (non-condensing)<br>0 to 10,000 feet altitude  |  |   |   |
| Certifications         | IMC-711-AC, IMC-7111-AC, IMC-712 series: FCC Class A, UL/cUL, CE, CSA<br>IMC-7111-DC, IMC-7121-DC: FCC Class B, UL, cUL, CE, CSA |  |   |   |

| Part Number            | IMC-713 series   | IMC-716 series                                  | IMC-719 series   |
|------------------------|--|---|--|
| # of slot              | 3  | 6   | 20   |
| Dimensions (H x W x D) | 4.57 x 22.19 x 19.05 cm (1.8 x 8.74 x 7.5 inch)  | 4.57 x 48.26 x 27.05 cm (1.8 x 19 x 10.65 inch) | 13.13 x 48.26 x 35.56 cm (5.17 x 19.0 x 14 inch)           |
| Weights                | 2.3 kg (5 lbs)   | 5.90 kg (13 lbs)                                | 13.6 kg (30 lbs)   |
| AC Power Input         | 100-240V AC, 50-60Hz, 0.75A  | 100-240V AC, 50-60Hz, 1.0A                      | 100-240V AC, 50-60Hz, 4.5/2A                               |
| DC Power Input         | 35-75V DC, 1.6A  | 48V DC, 2.0A                                    | -48V DC, 9A  |
| MTBF                   | 172,706 hours (IMC-713-AC)<br>147,903 hours (IMC-713-2AC)<br>133,919 hours (IMC-713-ACDC)<br>172,394 hours (IMC-713-DC)<br>162,893 hours (IMC-713-2DC) | 865,320 hours                                   | 372,982 hours (IMC-719-2AC)<br>372,739 hours (IMC-719-2DC) |
| Operating Temperature  | 0 to +50 °C (+32 to +122 °F)   |   |  |
| Storage Temperature    | -20 to +80 °C (-4 to +176 °F)<br>-20 to +60 °C (-4 to +140 °F) (IMC-713-2DC & IMC-716-2DC & IMC-719-2DC)   |   |  |
| Operating Humidity     | 5-95% (non-condensing)<br>0 to 10,000 feet altitude  |   |  |
| Certifications         | FCC Part 15 Subpart B Class B<br>FCC Part 15 Subpart B Class A (IMC-716-2AC)<br>UL/cUL, CSA, CE  |   |  |

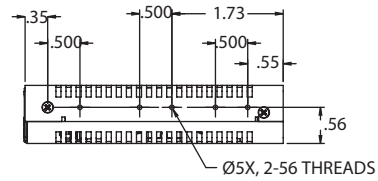
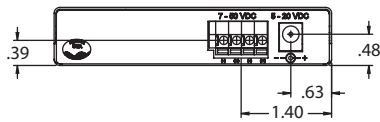
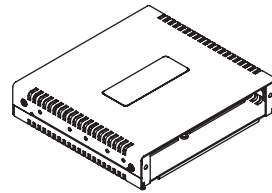
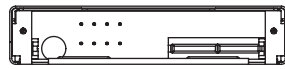
**Dimensions**

Unit: inch

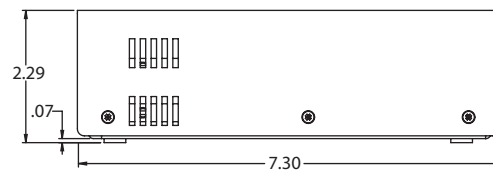
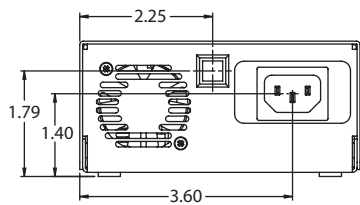
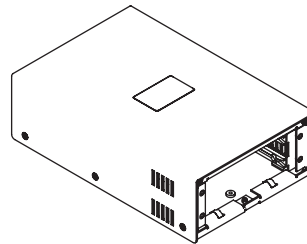
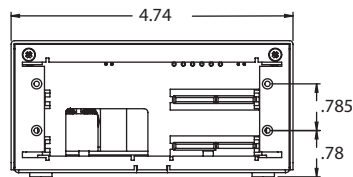
**IMC-711-AC & IMC-711I-DC**



**IMC-711I-AC**



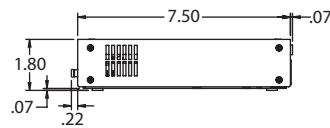
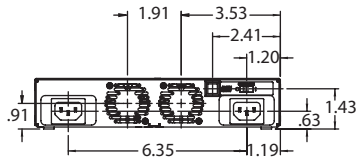
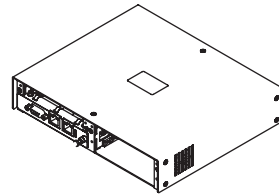
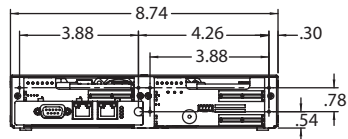
**IMC-712 series**



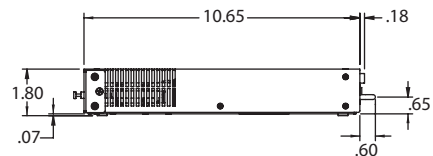
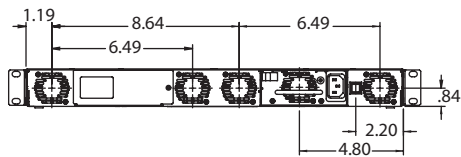
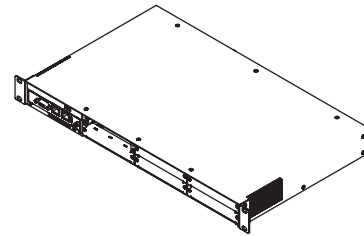
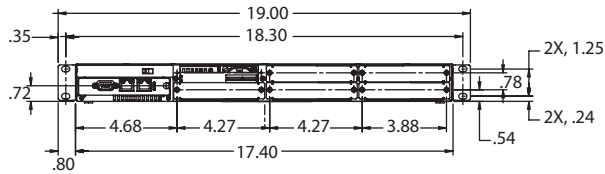
**Dimensions**

Unit: inch

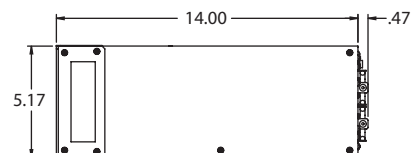
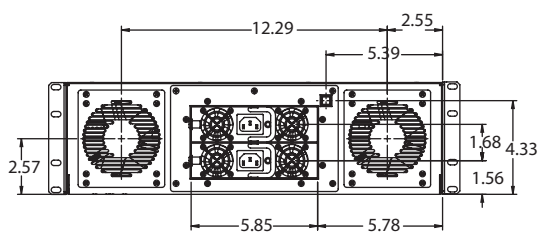
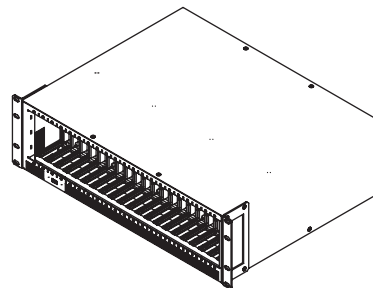
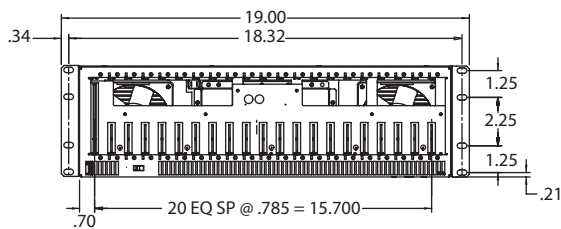
**IMC-713 series**



**IMC-716 series**



**IMC-719 series**



## Ordering Information

### Modular Media Converter Chassis

| Part Number    | Also Known As | Slot | Extended Temperature | Power Input |
|----------------|---------------|------|----------------------|-------------|
| IMC-711-AC-US  | 850-13100     | 1    | -                    | AC          |
| IMC-711-AC     | -             | 1    | -                    | AC          |
| IMC-711I-AC-PS | 850-33100     | 1    | Yes                  | AC          |
| IMC-711I-DC    | 850-32105     | 1    | Yes                  | DC          |
| IMC-712-AC-US  | 850-13101     | 2    | -                    | AC          |
| IMC-712-AC     | -             | 2    | -                    | AC          |
| IMC-712I-AC-US | 850-13106     | 2    | Yes                  | AC          |
| IMC-712I-AC    | -             | 2    | Yes                  | AC          |
| IMC-712I-DC    | 850-32106     | 2    | Yes                  | DC          |

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

### SNMP-Manageable Modular Media Converter Chassis

| Part Number      | Also Known As   | Slot | Power Input     |
|------------------|-----------------|------|-----------------|
| IMC-713-AC-US    | 850-10949-AC    | 3    | Single AC       |
| IMC-713-AC       | -               | 3    | Single AC       |
| IMC-713-2AC-US   | 850-10949-2AC   | 3    | Dual AC         |
| IMC-713-2AC      | -               | 3    | Dual AC         |
| IMC-713-DC       | 850-10949-DC    | 3    | Single DC       |
| IMC-713-2DC      | 850-10949-2DC   | 3    | Dual DC         |
| IMC-713-ACDC-US  | 850-10949-ACDC  | 3    | 1 x AC + 1 x DC |
| IMC-713-ACDC     | -               | 3    | 1 x AC + 1 x DC |
| IMC-716-AC-US-A  | 850-10953-AC-A  | 6    | Single AC       |
| IMC-716-2AC-US-A | 850-10953-2AC-A | 6    | Dual AC         |
| IMC-716-DC       | 850-10953-DC    | 6    | Single DC       |
| IMC-716-2DC      | 850-10953-2DC   | 6    | Dual DC         |
| IMC-719          | 605-10144-10    | 20   | -               |
| IMC-719-2AC-US   | 605-10144-2AC   | 20   | Dual AC         |
| IMC-719-2AC      | -               | 20   | Dual AC         |
| IMC-719-2DC      | 605-10145-2DC   | 20   | Dual DC         |

## Accessories (optional)

| Part Number     | Description   |
|-----------------|---|
| 806-39105       | DIN Rail Clip (For IMC-711I-AC)                         |
| 895-39226       | Rackmount Bracket (For IMC-711 & IMC-712 series)        |
| 895-39227       | Wall-mount Bracket (For IMC-711 & IMC-712 series)       |
| 895-39229       | Wall-mount Bracket (For IMC-711I & IMC-712I series)     |
| IMC-716-PS-AC-A | Spare AC Power Supply (120W)(for IMC-716)               |
| 806-39125-DC    | Spare DC Power Supply (125W) (For IMC-716)              |
| 605-10144-AC    | Spare AC Power Supply (300W, 100-240V AC) (For IMC-719) |
| 605-10144-DC    | Spare DC Power Supply (300W, -48V DC) (For IMC-719)     |

# 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.