

# IP-0101GB

## Industrial PoE Media Converter



- 1x Gigabit Ethernet port with IEEE 802.3at 30W PoE+
- 1x 1000F(x) SFP Slot, support either Multi-Mode or Single-Mode
- Built for harsh environments and wide temperature range application
- IP30 housing
- DIN-Rail Mounting, Optional Wall Mounting



### Specifications

#### Technology

<b>Standards</b>	IEEE 802.3ab 1000BaseT IEEE 802.3z 1000BaseX IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet IEEE 802.3at PoE+
------------------	--

<b>Processing Type</b>	Pass through
------------------------	--------------

#### Interface

<b>RJ45 Port</b>	1x 1000T(x) with PoE+, auto MDI/MDI-X
------------------	---------------------------------------

<b>Fiber Port</b>	1x 1000F(x) SFP Slot
-------------------	----------------------

<b>PoE Pin Out</b>	V+, V+, V-, V-, for pin 1, 2, 3, 6, Endspan, MDI Mode A
--------------------	---

<b>LED Indicators</b>	<b>Per unit:</b> PWR1, PWR2, Status <b>Port:</b> Link/Active (Green) <b>PoE:</b> Output Power (Amber)
-----------------------	---

#### Power Requirements

<b>Operation Voltage</b>	48-57VDC, redundant dual inputs, >50VDC for PoE+ output recommended
--------------------------	---

<b>Connection</b>	1x removable 4-contact terminal block
-------------------	---------------------------------------

<b>Power Consumption</b>	0.07A@48VDC without PDs' consumption
--------------------------	--------------------------------------

<b>PoE Power Budget</b>	30W
-------------------------	-----

<b>Protection</b>	Overload Current Protected, Reverse Polarity Protected
-------------------	--

#### Mechanical Construction

<b>Enclosure</b>	SECC
------------------	------

<b>Protection Class</b>	IP30
-------------------------	------

<b>Dimensions</b>	27x105x95 mm (WxHxD)
-------------------	----------------------

<b>Weight</b>	0.31 kg
---------------	---------

<b>Mounting</b>	DIN-Rail Mounting
-----------------	-------------------

#### Environmental Limits

<b>Operating Temperature</b>	-40°C ~ 75°C (-40°F ~ 167°F)
------------------------------	------------------------------

<b>Storage Temperature</b>	-40°C ~ 85°C
----------------------------	--------------

<b>Ambient Relative Humidity</b>	5 to 95%, (Non-Condensing)
----------------------------------	----------------------------

#### Regulatory Approvals

<b>EMI</b>	FCC Part 15 Subpart B Class A CE EN 55032 Class A
------------	--

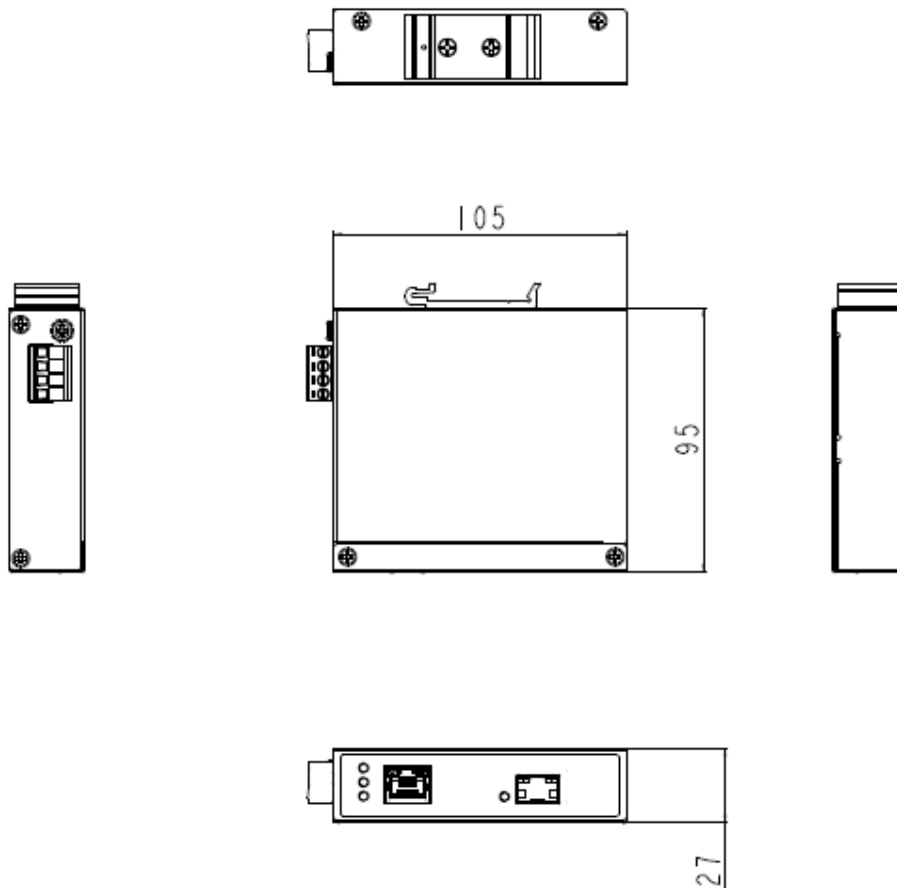
<b>EMS</b>	IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4 (EFT) IEC61000-4-5 (Surge)
------------	---

	IEC61000-4-6 (CS) IEC61000-4-8 (Magnetic Field)
<b>Free Fall</b>	IEC60068-2-32
<b>Shock</b>	IEC60068-2-27
<b>Vibration</b>	IEC60068-2-6

<b>Green</b>	RoHS Compliant
<b>Certifications</b>	IEC 61000-6-2 IEC 61000-6-4
<b>MTBF</b>	>100,000 hours
<b>Warranty</b>	5 Years

Features with star(\*) implies those are under development.  
In a continuing effort of improvement and updated technology, product specifications are subject to change without notice.

## Dimensions (unit = mm)



## Ordering Information

<b>IP-0101GB</b>	Industrial PoE Media Converter - 1x 1000T(x) with 30W PSE + 1x 1000F(x) SFP Slot - Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F)
------------------	--

## Optional Accessories

<b>MDR-100-48</b>	Industrial DIN-Rail Power Supply with 48VDC Output, provide max. 100W Power
-------------------	---