

# ES-0501G

## 5+1 Port Industrial Unmanaged Gigabit Ethernet Switch



- 5x Gigabit Ethernet ports
- 1x 1000F(x) SFP Slot
- Built for harsh environments and wide temperature range application
- IP30 housing
- DIN-Rail Mounting, Optional Wall Mounting



### Specifications

#### Technology

<b>Standards</b>	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3z 1000BaseX IEEE 802.3x Flow Control
------------------	--

<b>Processing Type</b>	Store and Forward
------------------------	-------------------

#### Switch Properties

<b>Switch Fabric</b>	12Gbps
----------------------	--------

<b>Priority Queues</b>	-
------------------------	---

<b>MAC Table Size</b>	2K
-----------------------	----

<b>Packet Buffer</b>	1Mbits
----------------------	--------

#### Interface

<b>RJ45 Port</b>	5x 10/100/1000T(x), auto negotiation speed duplex mode, auto MDI/MDI-X
------------------	--

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

<b>LED Indicators</b>	<b>Per unit:</b> PWR1, PWR2, Fault <b>Ports:</b> Link(Green), Speed(Amber)
-----------------------	---

#### Power Requirements

<b>Operation Voltage</b>	12-48VDC, redundant dual inputs
--------------------------	---------------------------------

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

<b>Power Consumption</b>	5W
--------------------------	----

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

#### Mechanical Construction

<b>Enclosure</b>	Steel met
------------------	-----------

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

<b>Dimensions</b>	30x140x98 mm (WxHxD)
-------------------	----------------------

<b>Weight</b>	0.6 kg
---------------	--------

<b>Mounting</b>	DIN-Rail Mounting, Optional Wall Mounting Kits
-----------------	--

#### Environmental Limits

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

<b>Storage Temperature</b>	-40°C ~ 85°C (-40°F ~ 185°F)
----------------------------	------------------------------

<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)
------------	---

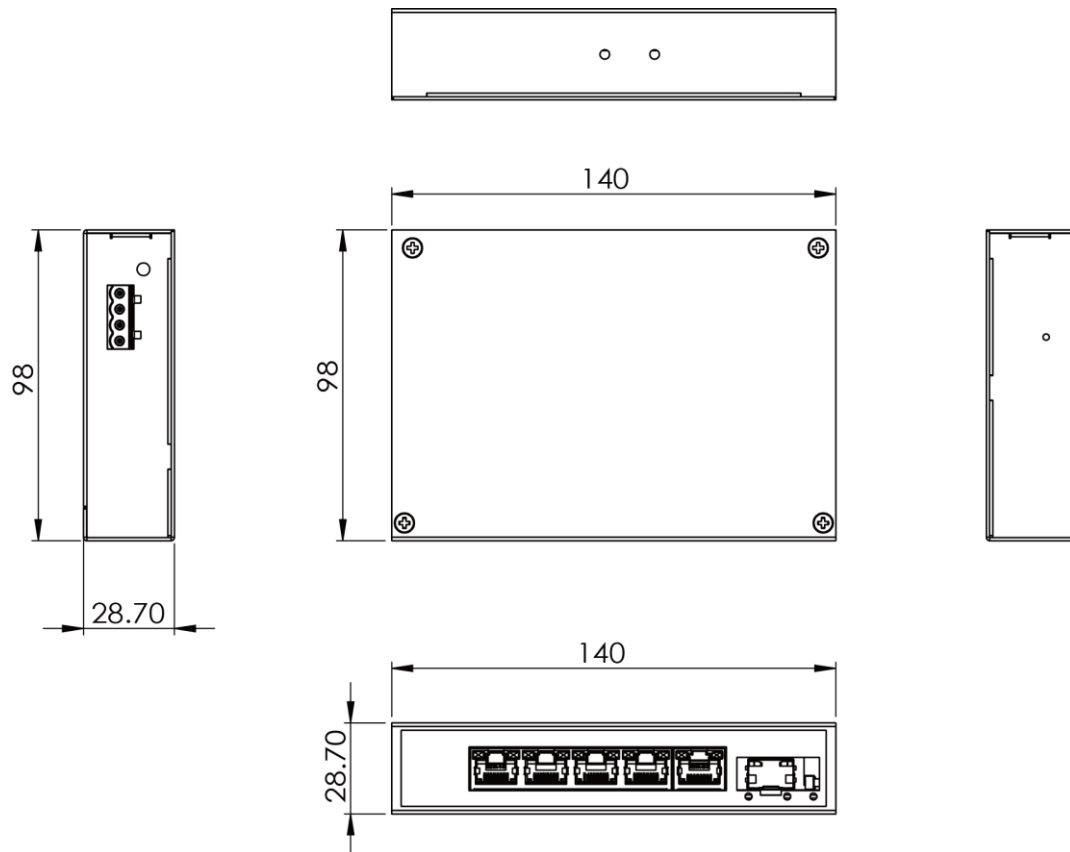
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6

Green	RoHS Compliant
MTBF	>100,000 hours
Warranty	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

ES-0501G-T

5+1 Port Industrial Unmanaged Gigabit Ethernet Switch

- 5x 10/100/1000T(x) + 1x 1000F(x) SFP Slot

- Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F)

## Optional Accessories

NDR-75-24 75W Industrial DIN-Rail Power Supply, 24VDC (metal case)

NDR-75-48 75W Industrial DIN-Rail Power Supply, 48VDC (metal case)