

# OttoE PoE 10 GE

工業級非網管型 PoE 10 埠乙太網路交換器



## 產品介紹

**OttoE PoE 10 GE** 交換機專為嚴苛環境下的快速佈署而設計，能夠承受廣泛的溫度範圍、抗震與抗衝擊，並符合嚴格的安全標準。這是一款低成本、易於使用的設備，結合了工業乙太網路的基本功能、即時決定性網路操作，以及進階的強固性表現。

內建的**看門狗**功能讓 OttoE PoE 10 GE 成為一款具備智能的裝置，可防止網路中受電設備發生封包遺失。此功能可透過 **DIP 開關** 針對各埠獨立啟用，進一步提升使用彈性。該交換機提供多個 Gigabit 乙太網路埠，型號涵蓋銅纜埠與 **100/1000Mbps 雙速率 SFP 光纖埠**，適用於長距離連接需求。

本產品支援**全/半雙工自動協商**與自動 **MDI/MDIX** 功能，可方便地連接各種網路設備。同時支援 **QoS (服務品質)** 功能，能夠進行流量優先排序與資源有效管理。

**部署應用場景：**工業自動化、智慧電網、結合監控功能的智慧路口。

EtherWAN — "When Connectivity is Crucial."

## 產品亮點

### + PoE 功能

- 每埠 IEEE 802.3bt 90W
- 總功率預算達 270W

### + PoE Watchdog 看門狗功能(專利註冊)

- 可單埠監控並重啓未回應之串接設備 (PD)

### + 支援 SFP 連接埠

- 多達兩個 100/1000BASE SFP 連接埠

### + 高穩定性n

- 工業等級無風扇設計
- 6Kv 雷擊保護

### + QoS 封包排程

- EtherNet/IP (UDP 2222)
- PROFINET (Ether type 0x8892)

## 產品規格



## + Interface

### Ethernet

- 10/100/1000BASE-TX: 8 ports
- 100/1000BASE-SFP: 2 ports

### LED Indicators

- Per Unit: Power 1 (Green), Power 2 (Green), Fault (Red)
- Per Port: Link/Activity (Green)

### Alarm Contact

- One relay output with current 0.5A@48VDC

### Dip Switch

- No.1 - 8: Port 1 to 8 Watchdog ON/OFF
- EXT: The timer enables Watchdog (ON: 5 min. / OFF: 10 min.)

## + Technology

### Standards

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX/FX
- IEEE 802.3az Energy Efficient Ethernet
- IEEE 802.1p Quality of Service (QoS)
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3z 1000BASE-SX/1000BASE-LX
- IEEE 802.3af/at/bt Power over Ethernet

### Forward/Filtering Rate

- 14,880pps for 10Mbps
- 148,810pps for 100Mbps
- 1,488,100pps for 1000Mbps

### Packet Buffer Memory

- 1.5M bits

### Processing Type

- Store-and-Forward
- Auto Negotiation
- Half-duplex back-pressure and IEEE
- Auto MDI/MDIX

## + Environmental

### Operating Temp.

- -10 to 60°C (14 to 140°F)

### Storage Temp.

- -40 to 85°C (-40 to 185°F)

### Relative Humidity

- 5% to 95% (non-condensing)

## + Regulatory

### ISO

- Manufactured in ISO-9001 facility

### EMI

- FCC Part 15 Class A
- VCCI Class A
- EN 61000-6-4
- ICES-003
- EN 55032

### EMS

- EN 61000-6-2
  - - EN 61000-4-2 (ESD)
  - - EN 61000-4-3 (Radiated RFI)
  - - EN 61000-4-4 (Burst)
  - - EN 61000-4-5 (Surge)
  - - EN 61000-4-6 (Induced RFI)
  - - EN 61000-4-8 (Magnetic field)

### Safety

- UL 61010

### Environmental Test Compliance

- IEC 60068-2-6 Fc (Vibration)
- IEC 60068-2-27 Ea (Shock)
- IEC 60068-2-31 (Free fall w/package)

### Industrial

- EN 50121-4

## + Power

### Input

- 46-57VDC (Terminal Block)

### Power Consumption

- 9.72W (without PoE)

### Protection

- Reverse Polarity Protection

### PoE Power Output

- Up to 90W/port
- Power Budget: 270W

### \*\*

- 46-57VDC for IEEE 802.3af type 1, ≤15.4W PD devices.
- 52-57VDC for IEEE 802.3at/bt type 2/3, 30W, 60W PD devices.
- 54-57VDC for IEEE 802.3bt, type 4, 90W PD devices.

## + Physical

### Casing Material

- Metal

### IP Rating

- IP30

### Dimensions

- 45x125x145mm (W x D x H) (1.77"x4.92"x5.71")

### Weight

- 577g (1.27lbs)

### Installation Type

- DIN-Rail (Top hat type 35mm) mounting

## + Warranty

### Length

- Limited Lifetime

### Details

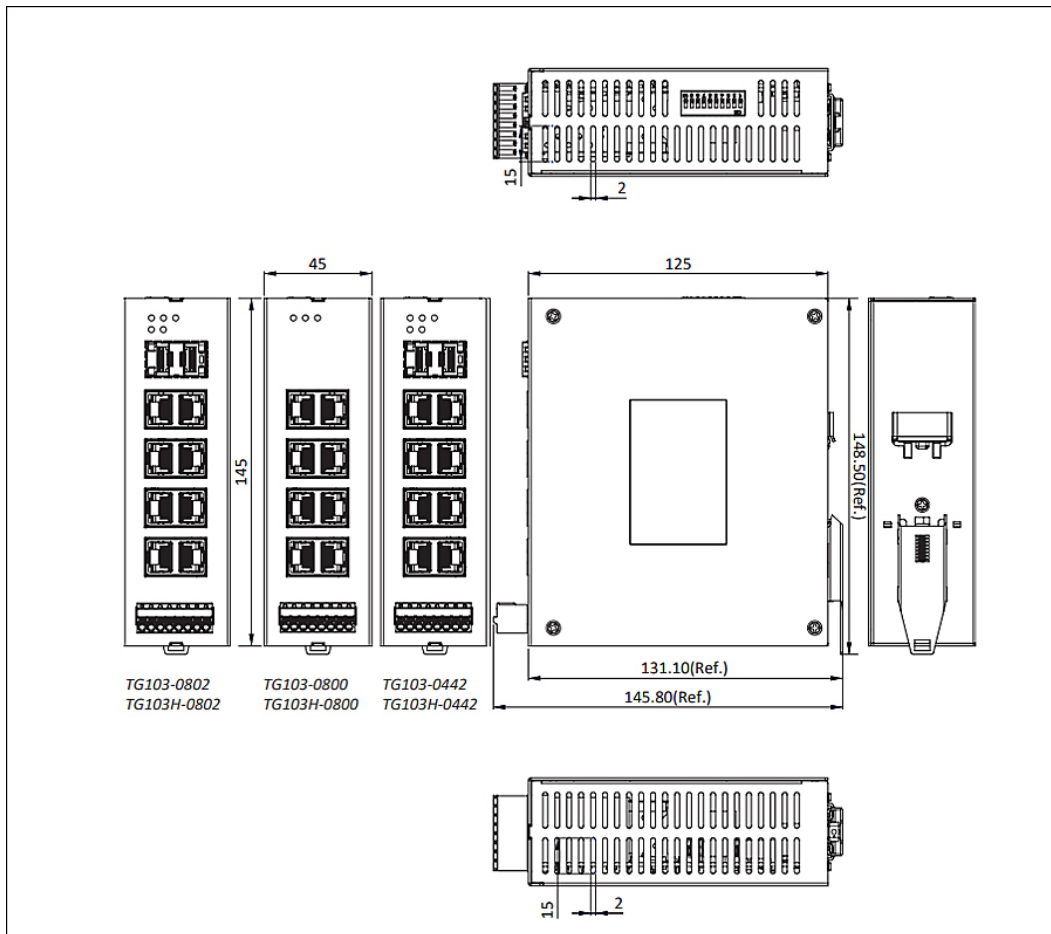
- [www.etherwan.com/support/warranty-policy](http://www.etherwan.com/support/warranty-policy)

## + What's Included

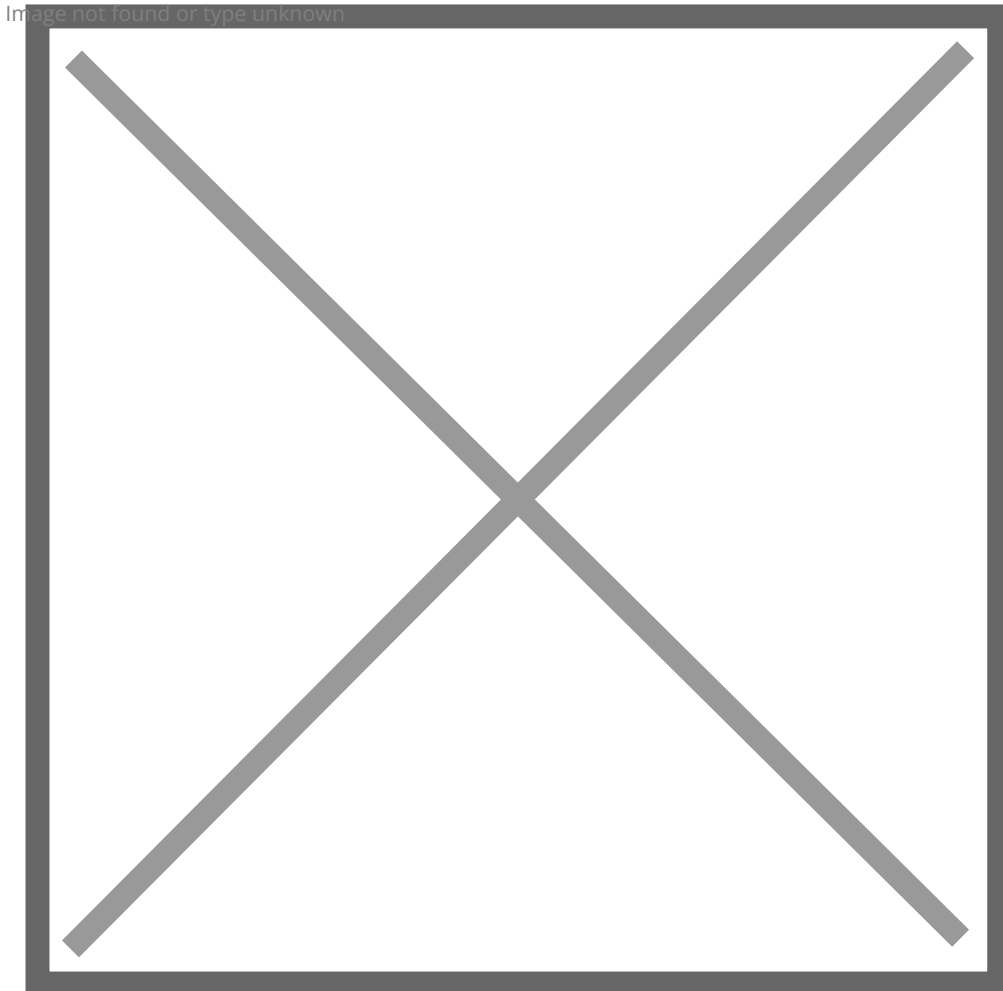
### Device

- Ethernet switch

# 產品尺寸



## Application



## 訂購資訊

### + Gigabit models


**TG103-0442**
**TG103-0802**

10/100/1000BASE TX	8	8
PoE port	4	8
100/1000BASE SFP	2	2
Power Input	2 ( 46~57VDC ) Push-in spring terminal block	
QoS	EtherNet/IP & Profinet	
Corrosion Resistant	IP30	
	<a href="#">Quote</a>	<a href="#">Quote</a>

### + Optional Accessories

<b>NDR-480-48</b>	480W 48VDC DIN-Rail Power Supply
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