

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。

符合 IEC 62443-4-2—依循 IEC 62443-4-1 安全開發實務進行開發與審查。

益網科技 - “連結，制勝的關鍵”

產品亮點

+ PoE 功能

每埠 IEEE 802.3bt 90W
總功率預算達 270W

+ 高穩定性

工業等級無風扇設計
6Kv 雷擊保護

+ 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)

+ QoS 封包排程

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

+ 支援 SFP 連接埠

多達兩個 100/1000BASE SFP 連接埠

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.)

+ 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)

+ 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

Address Table Size

4K MAC

+ 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

Cybersecurity

IEC 62443-4-1
IEC 62443-4-2

Environmental Test Compliance

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

Traffic

NEMA TS2

Railway

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

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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

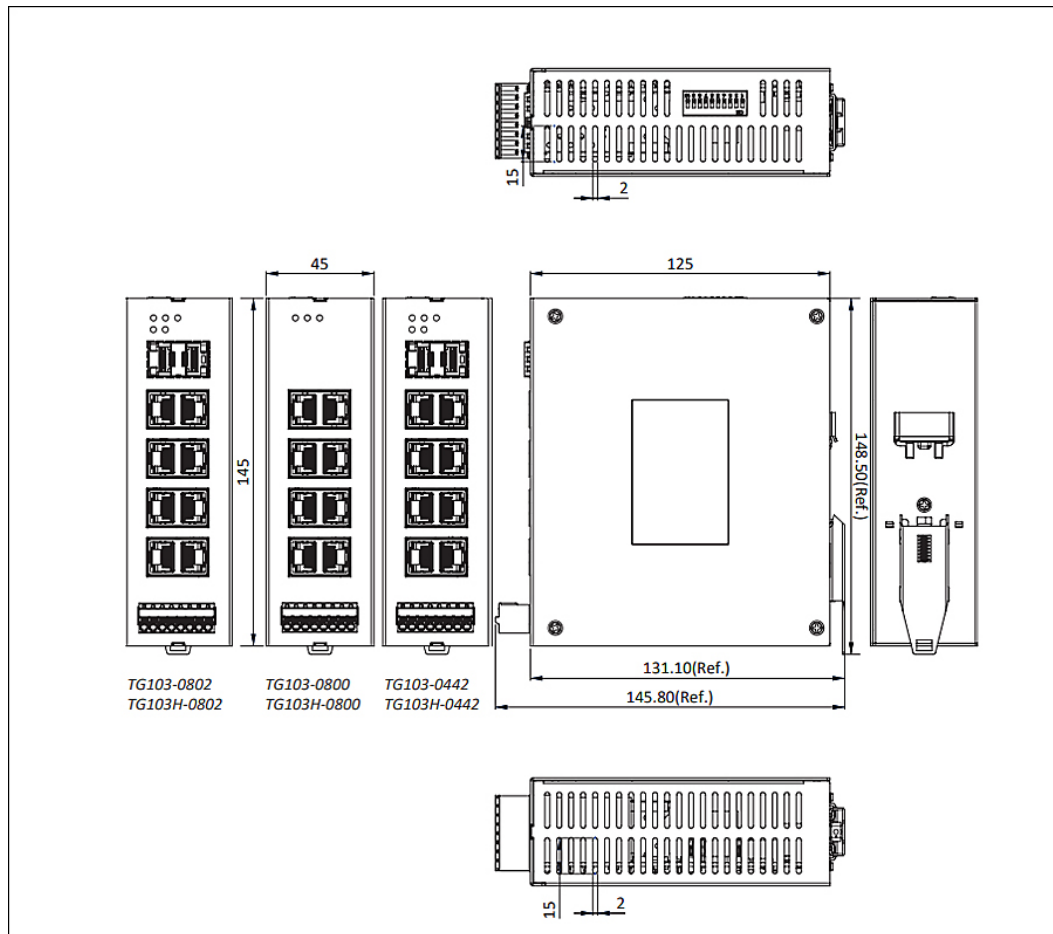
www.etherwan.com/support/warranty-policy

+ What's Included

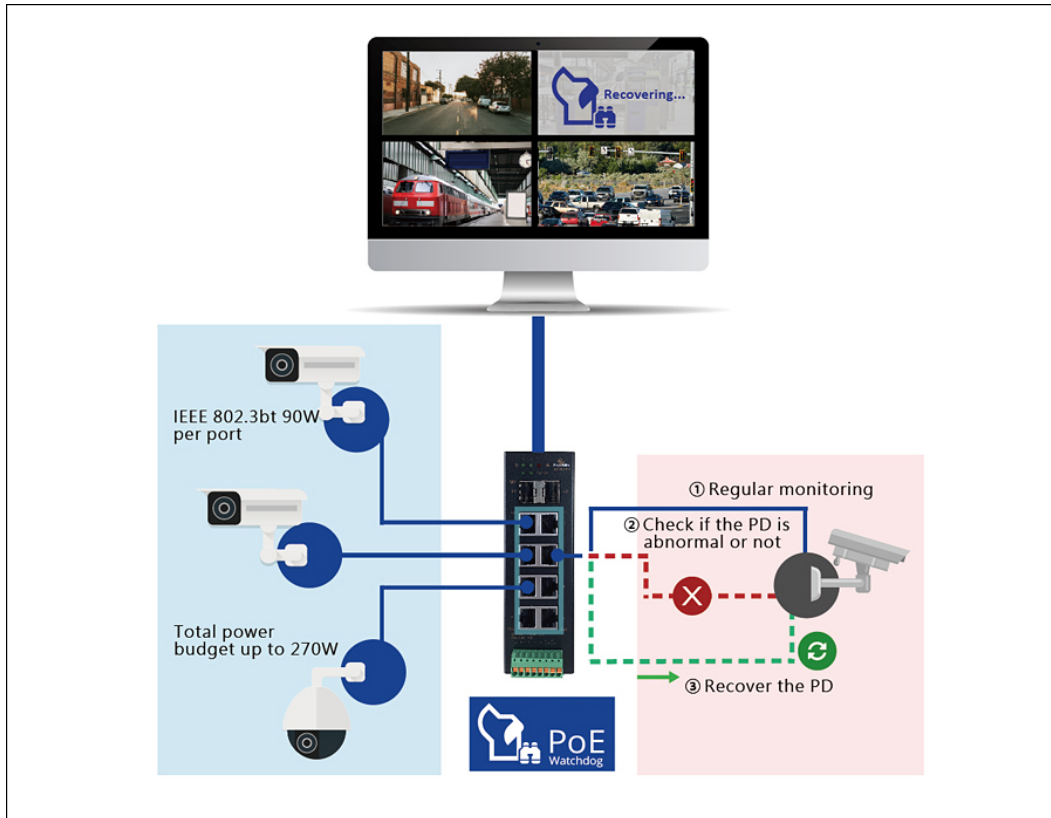
Device

Ethernet switch

產品尺寸



產品應用



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	
	Quote	Quote

+ Optional Accessories

NDR-480-48	480W 48VDC DIN-Rail Power Supply
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