

OttoE PoE 08H GE

強固級非網管型 8埠 Gigabit PoE 乙太網路交換器



產品介紹

OttoE PoE 08H GE 是一款工業級強固型非網管 PoE 交換器，專為嚴苛工業環境與戶外場域快速佈署設計。設備具備寬廣操作溫度範圍（-40°C 至 75°C）、抗震耐衝擊結構，並符合嚴格工業安全標準，確保可靠穩定的網路連線。支援 **IEEE 802.3bt PoE++**，每埠可提供最高**90W Gigabit PoE**電力，適用於 PTZ 攝影機、無線基地台、工業物聯網設備及邊緣人工智慧裝置。內建 **6kV 突波保護**，有效防止電源干擾與雷擊損害。**PoE Watchdog（看門狗）智能功能可透過 DIP 開關獨立啟用每埠**，當設備無回應時自動重啟，避免封包遺失與系統停機，特別適合無人值守的工業應用環境。

OttoE PoE 08H GE 支援全/半雙工自動協商與自動 MDI/MDIX，輕鬆連接多種網路設備；同時搭載 **QoS（服務品質）** 功能，優先處理關鍵資料流，提升網路效能與資源管理。此款工業級 8埠 Gigabit PoE 交換器，結合堅固金屬外殼與寬溫設計，適用於戶外機櫃、路邊箱體及各種工業現場，完美滿足智慧交通、智慧電網與工業自動化等嚴苛應用需求。

符合 IEC 62443-4-2 一依循 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

支援 IEEE 802.3bt，每埠最高 90W 輸出
總 PoE 功率預算最高可達 270W

+ PoE Watchdog（專利技術）

可遠端偵測並重啟無回應設備，按埠啟用

+ 強固級設計

強固等級無風扇設計，提升耐用性
內建 6kV 突波保護

+ 服務品質 (QoS)

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

產品規格

+ Interface

Ethernet

10/100/1000BASE-TX: 8 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

+ Environmental

Operating Temp.

-40 to 75°C (-40 to 167°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

802.3x full-duplex flow control

Auto MDI/MDIX

Address Table Size

4K MAC

+ 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, ≤ 15.4 W 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

+ 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

+ Warranty

Length

Limited Lifetime

Details

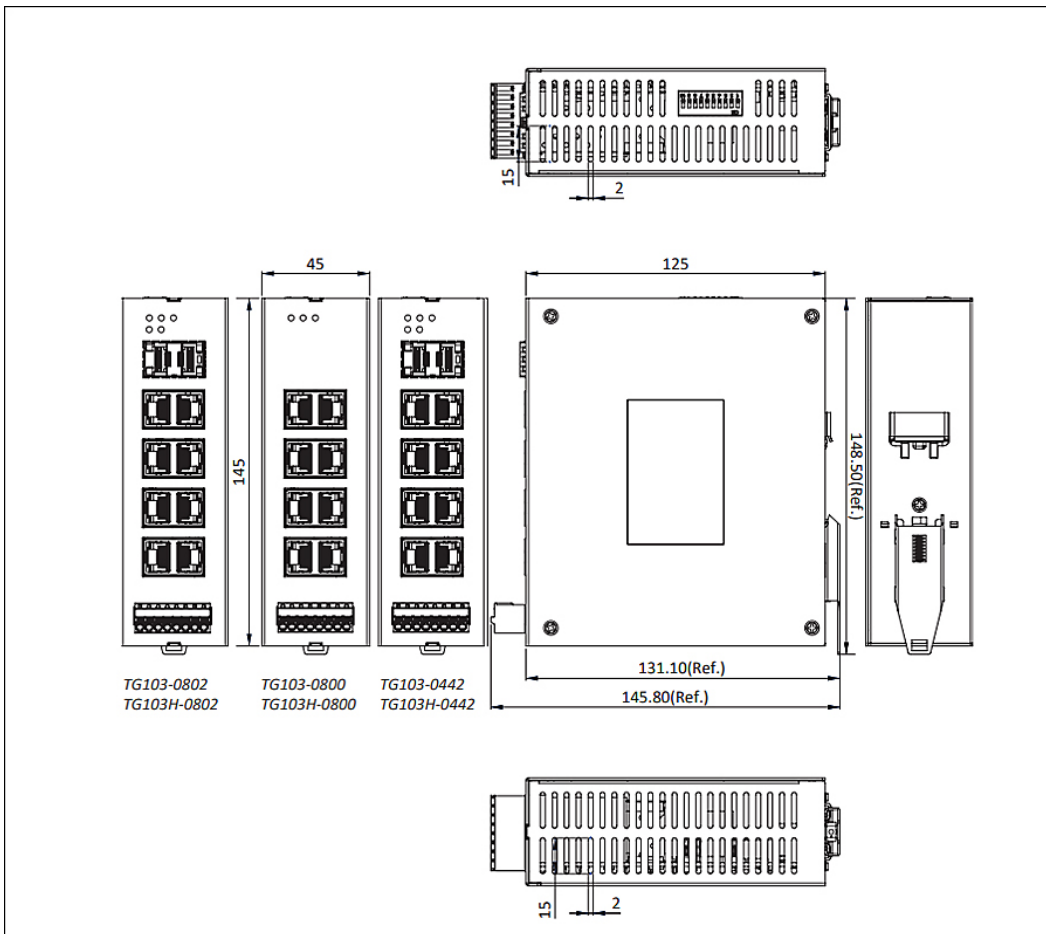
www.etherwan.com/support/warranty-policy

+ What's Included

Device

Ethernet switch

產品尺寸



訂購資訊

+ Gigabit models



TG103(H)-0800



TG103-0800

	TG103(H)-0800	TG103-0800
10/100/1000BASE TX	8	8
PoE port	8	8
Power Input	2 (46~57VDC) Push-in spring terminal block	
QoS	EtherNet/IP & Profinet	
Corrosion Resistant	IP30	
Operating Temp.	-40 to 75°C	-10 to 60°C
	Quote	Quote

+ Gigabit models with 2 SFP Options



TG103-0442



TG103-0802



TG103(H)-0442



TG103(H)-0802

	TG103-0442	TG103-0802	TG103(H)-0442	TG103(H)-0802
10/100/1000BASE TX	8	8	8	8
PoE port	4	8	4	8
100/1000BASE SFP	2	2	2	2
Power Input	4 (46~57VDC) Push-in spring terminal block			
QoS	EtherNet/IP & Profinet			
Corrosion Resistant	IP30			



TG103-0442



TG103-0802



TG103(H)-0442



TG103(H)-0802

Operating Temp.	-10 to 60°C		-40 to 75°C	
	Quote	Quote	Quote	Quote

+ Optional
Accessories

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

