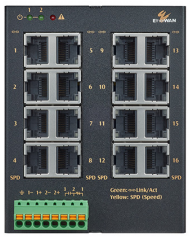
OttoE 16 GE

工業級非網管型 16 埠 Gigabit 乙太網路交換器



產品介紹

OttoE 16 GE 非網管型交換器**採用 16 埠全 Gigabit RJ-45 接口設計**，可高效連接多組終端設備，特別適用於工廠自動化、邊緣控制器、監控攝影機與大量資料匯流的應用場景。支援 Auto MDI/MDIX 與速率自動協商，無需預先配置即可啟動運作，適合部署於不需複雜設定的環境。OttoE 16 GE 非網管型交換器可簡化網路架構與維護流程，是快速建置工業網路骨幹的理想選擇。

為提升運作穩定性與現場適應力，OttoE 16 GE 採用 **IP30 等級金屬外殼**，具備抗干擾與抗震動能力，支援 DIN-Rail 安裝並可穩固整合至各式控制箱或配電櫃。**產品支援 10–55VDC 雙路電源輸入**，搭配繼電器警報輸出功能，可在電源異常時立即通知控制系統，強化設備監控能力。–10°C 至 60°C 的操作溫度範圍能涵蓋多數工業室內與半戶外應用；同時支援 QoS 流量優化，並與 EtherNet/IP、PROFINET 等工業協定相容，確保關鍵封包優先處理，提升系統通訊即時性。 若應用環境需同時提供資料與電力傳輸，**可選擇 OttoE 系列中支援 IEEE 802.3af/at/bt 的 PoE/PoE++ 機型**。

此類機型提供每埠最高 90W、總供電預算高達 270W，能有效驅動 PTZ 攝影機、無線基地台、門禁設備等高功耗終端。PoE 架構能顯著降低供電佈線需求與安裝時間，提升部署靈活性，是智慧監控、交通控制與能源應用等場域中兼顧效率與擴充性的理想方案。太網的理想選擇。

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

可靠的運作機制

IEEE 802.3az 節能乙太網路

電源失效警示

高可靠性

無風扇設計

極性反接保護功能

耐腐蝕

IP30 設計

QoS 封包排程

EtherNet/IP (UDP 2222)

PROFINET (Ethertype 0x8892)

產品規格

Interface

Ethernet

10/100/1000BASE-TX: 16-ports

Alarm Contact

One relay output with current 0.5A@48V

LED Indicators

Per Unit: Power 1 (Green), Power 2 (Green), Fault (Red)

Per Port: Link/Activity (Green)

Per Port: Speed (Yellow)

Physical

Casing Material

Metal

IP Rating

IP30

Dimensions

80 x 91 x 100mm (W x D x H) (3.15" x 3.58" x 3.94")

Weight

502g (1.11lbs)

Installation Type

DIN-Rail (Top hat type 35mm) mounting

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)

Forward/Filtering Rate

14,880pps for 10Mbps

148,810pps for 100Mbps

1,488,100pps for 1000Mbps

Packet Buffer Memory

2M bits

Processing Type

Store-and-Forward

Auto Negotiation

Half-duplex back-pressure

Auto MDI/MDIX

Address Table Size

8K 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

BSMI

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

10-55VDC (Terminal Block)

Power Consumption

10.88W max.

Protection

Reverse Polarity Protection

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)

Warranty

Length

Limited Lifetime

Details

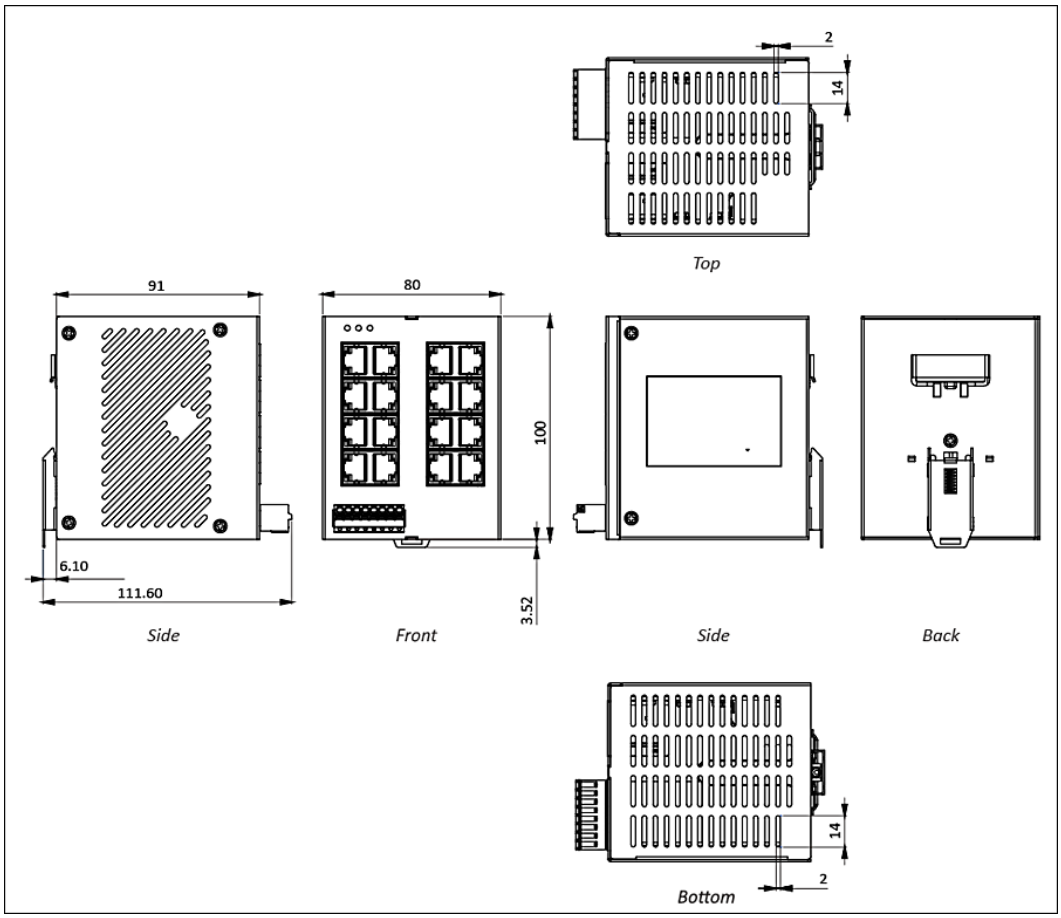
www.etherwan.com/support/warranty-policy

What's Included

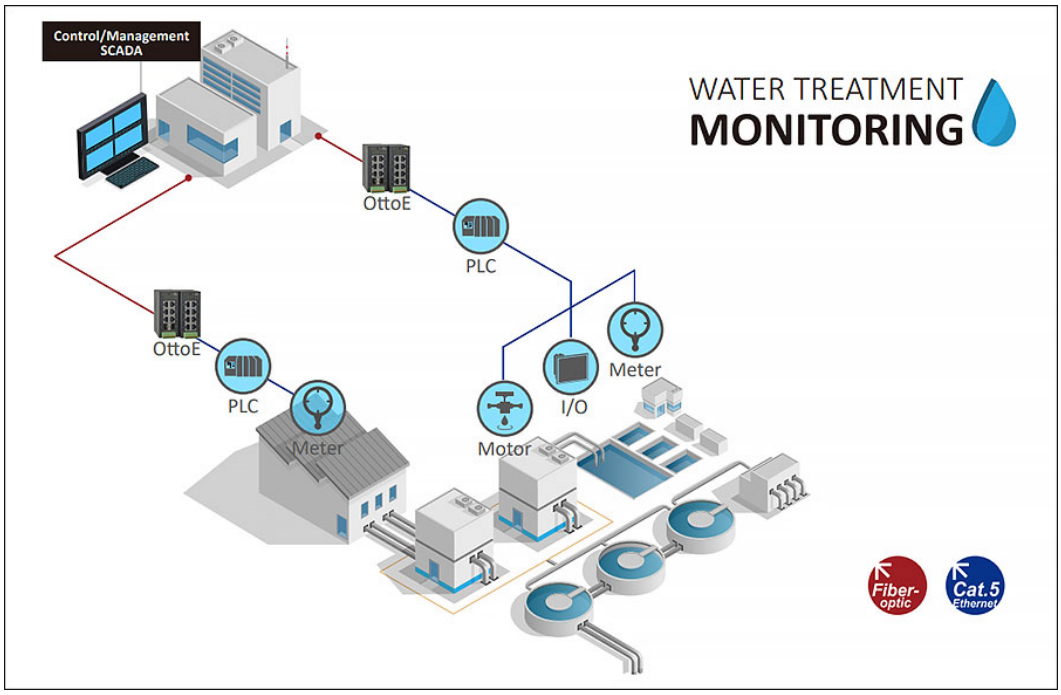
Device

Ethernet switch

產品尺寸


2
14
Top
91
80
100
6.10
111.60
3.52
Side
Front
Side
Back
14
2
Bottom

產品應用


Control/Management
SCADA
WATER TREATMENT
MONITORING
OttoE
PLC
OttoE
PLC
Meter
Meter
I/O
Motor
Fiber-optic
Cat.5 Ethernet

訂購資訊

Gigabit Ethernet models

	
	TG100-1600
10/100/1000BASE TX	16
100/1000BASE SFP	-
Power Input	2 (10 - 55VDC) Push-in spring terminal block
QoS	EtherNet/IP, Profinet
Corrosion Resistant	IP30
	Quote

Optional Accessories

HDR-30-24	30W/1.5A DIN-Rail 24VDC Hardened Power Supply
HDR-60-24	60W/2.5A DIN-Rail 24VDC Hardened Power Supply

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