OttoE 08 FE

工業級非網管型 8 埠乙太網路交換器



產品介紹

OttoE 08 FE 是專為工業應用設計的非網管型交換器，具備即插即用特性，無需複雜設定與維護，特別適合預算有限且網路需求穩定的自動化系統、監控設備及基礎設施網路。產品採用堅固耐用的金屬外殼，**符合 IP40 防護等級，**支援 DIN-Rail 快拆式安裝，確保在嚴苛環境下長時間穩定運作。其 **8 埠 10/100 Mbps RJ-45** 配備 Auto-Negotiation 與 Auto MDI/MDIX 技術，簡化網路佈線與佈署。

OttoE 08 FE 非網管型交換器支援9–55VDC 寬範圍雙電源輸入，內建繼電器警報輸出，可即時通報電源異常，提升系統可靠性。標準操作溫度為 –10°C 至 60°C，**(H 系列型號支援 –40°C 至 75°C 的寬廣工作溫度範圍)**，滿足極端環境的使用需求。內建 QoS 流量管理機制，支援 EtherNet/IP 主流工業協定，確保關鍵資料封包優先傳輸，提升網路即時性與穩定性。

若應用場域同時需要資料傳輸與電力供應，**建議搭配支援 IEEE 802.3af/at/bt PoE/PoE++ 標準的 OttoE PoE 系列**。該系列可提供每埠最高 90W 供電能力，總 PoE 預算最高可達 270W，適合 IP 攝影機、無線基地台及門禁系統等需高功率 PoE 供電的工業場景，有效簡化安裝與後續維護。**適用於**工業自動化系統，鐵路與交通控制以及智慧路口與監控系統。

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

雙電源輸入12/24/48 VDC

高可靠性

無風扇設計

SFP 連接埠

最多可支援達兩個 100BASE SFP

QoS 封包排程

EtherNet/IP (UDP 2222)

產品規格

Interface

Ethernet

10/100BASE-TX: 6/8-ports

100BASE-SFP: 0/2-ports

Alarm Contact

One relay output with current 0.5A@30V

LED Indicators

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

Per Port: Link/Activity (Green)

Physical

Casing Material

Metal

IP Rating

IP40

Dimensions

45 x 75 x 100mm (W x D x H) (1.77" x 2.95" x 3.94")

Weight

336g (0.74lbs)

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

Packet Buffer Memory

768K bits

Processing Type

Store-and-Forward

Auto Negotiation

Half-duplex back-pressure

Auto MDI/MDIX

Address Table Size

2K 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)

FED STD 101C Method 5007.1

(Free fall w/package)

Traffic

NEMA TS2

Railway

EN 50121-4

Power

Input

9-55VDC (Terminal Block)

Power Consumption

3.4W 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

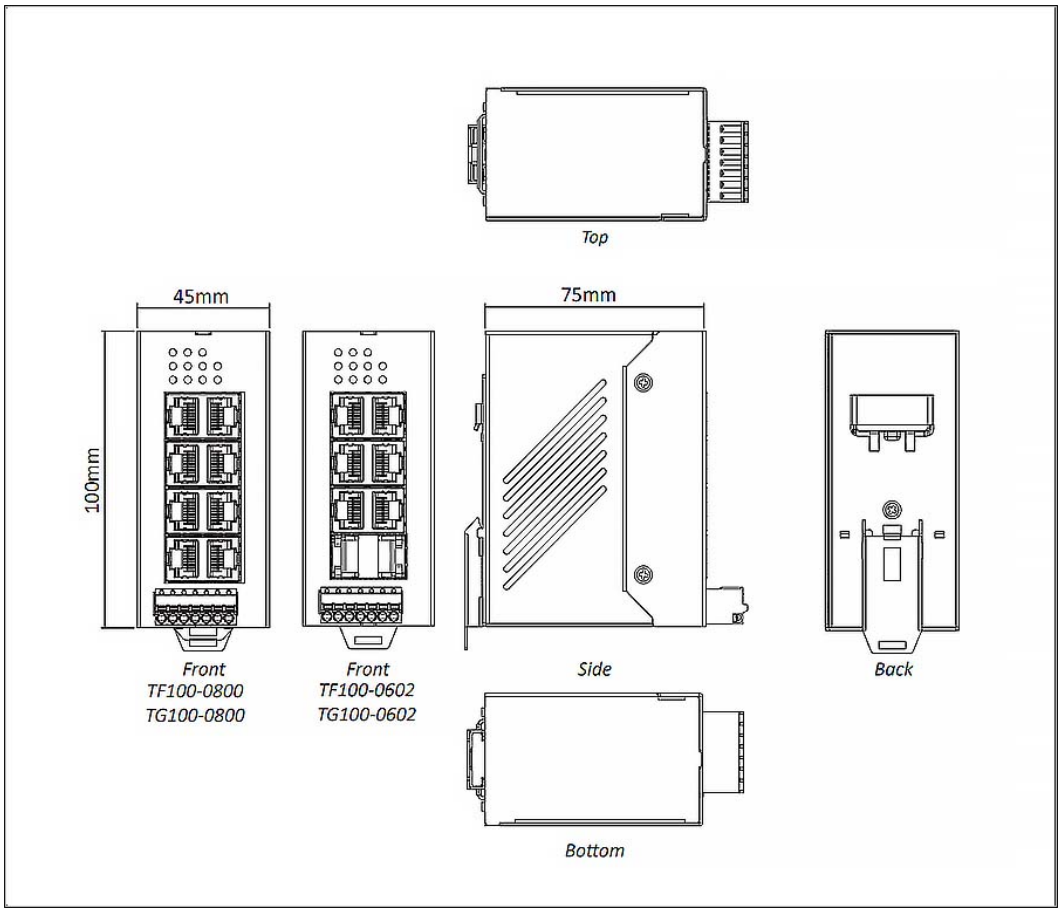
www.etherwan.com/support/warranty-policy

What's Included

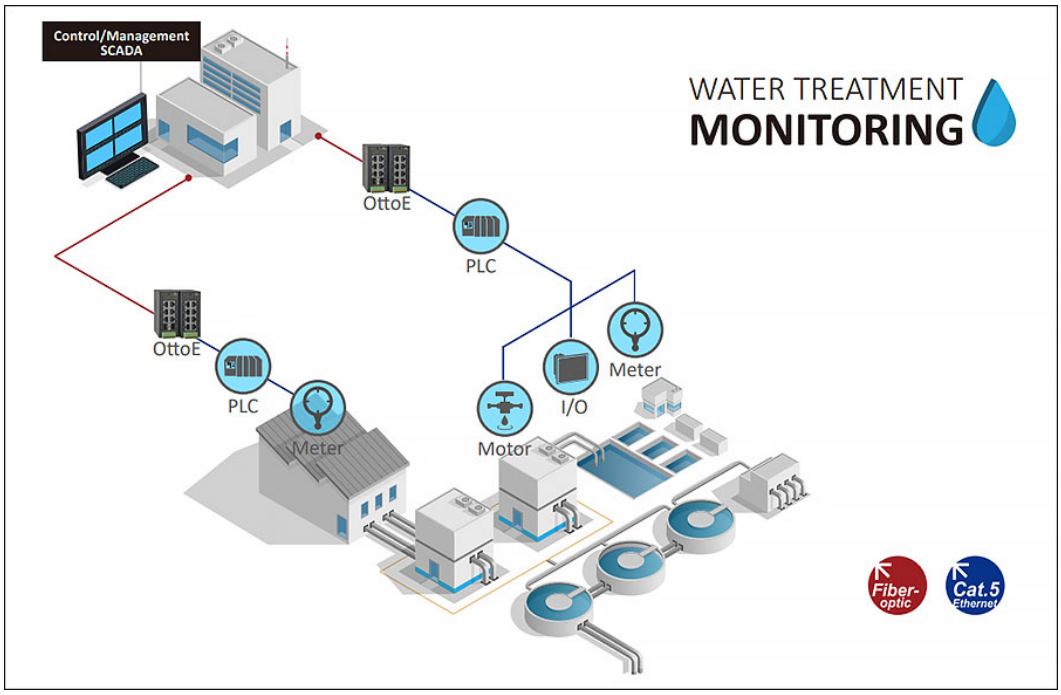
Device

Ethernet switch

產品尺寸



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

Fast Ethernet models

				
	TF100-0800	**TF100-0602**	**TF100(H)-0800**	**TF100(H)-0602**
10/100Base TX	8	6	8	6
100Base SFP	-	2	-	2
Power Input	2 (9~55VDC) Push-in spring terminal block			
QoS	EtherNet/IP			
Corrosion Resistant	IP40		IP30	
Operating Temp.	-10 to 60°C		-40 to 75°C	
	Quote	Quote	Quote	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

100BASE SFP Modules	www.etherwan.com/tw/products/sfp-fiber-transceiver

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