

OttoE 16 FE

工業級非網管型 16 埠乙太網路交換器



產品介紹

EtherWAN 益網科技 **OttoE 16 FE** 系列 – 工業級非網管型 16 埠乙太網路交換器

益網科技的 OttoE 16 FE Series 系列是一款堅固耐用的非管理式乙太網交換解決方案，專為在空間受限與嚴苛工業環境中穩定運作而設計。此系列產品以簡約與高效為核心，提供工業應用所需的基本網路功能。

OttoE 16 FE 支援**9 至 55VDC** 的寬電壓輸入範圍，具備冗餘電源功能，並內建繼電器警報，可在電源異常時發出警示，提升系統可靠性。產品型號提供最多 16 個 Fast Ethernet 埠，或銅纜與 100Mbps SFP 光纖埠的混合配置，靈活支援本地與遠端連接需求。

支援自動協商（全雙工/半雙工）與自動 MDI/MDIX 功能，OttoE 16 FE 可輕鬆整合各類網路設備。內建 **QoS (服務品質)** 功能，有效管理網路流量，確保關鍵資料的優先傳輸。設備採用堅固金屬外殼，支援導軌安裝，安裝簡便穩固，並隨附安裝配件。

適用場域：

- ◆ 工業自動化系統
- ◆ 鐵路與交通控制
- ◆ 智慧路口與監控系統

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 節電機制
- 電源失效警示

+ SFP 連接埠

- 最多可支援達兩個 100BASE SFP

+ 高可靠性

- 無風扇設計
- 極性反接保護功能

+ QoS 封包排程

- EtherNet/IP (UDP 2222)

產品規格

+ Interface

Ethernet

- 10/100BASE-TX: 14/16-ports
- 100BASE-SFP: 0/2-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

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

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

- 9-55VDC (Terminal Block)

Power Consumption

- 3.72W max.

Protection

- Reverse Polarity Protection

+ Warranty

Length

- Limited Lifetime

Details

- www.etherwan.com/support/warranty-policy

+ Environmental

Operating Temp.

- -10 to 60°C (14 to 140°F)

Storage Temp.

- -40 to 85°C (-40 to 185°F)

Relative Humidity

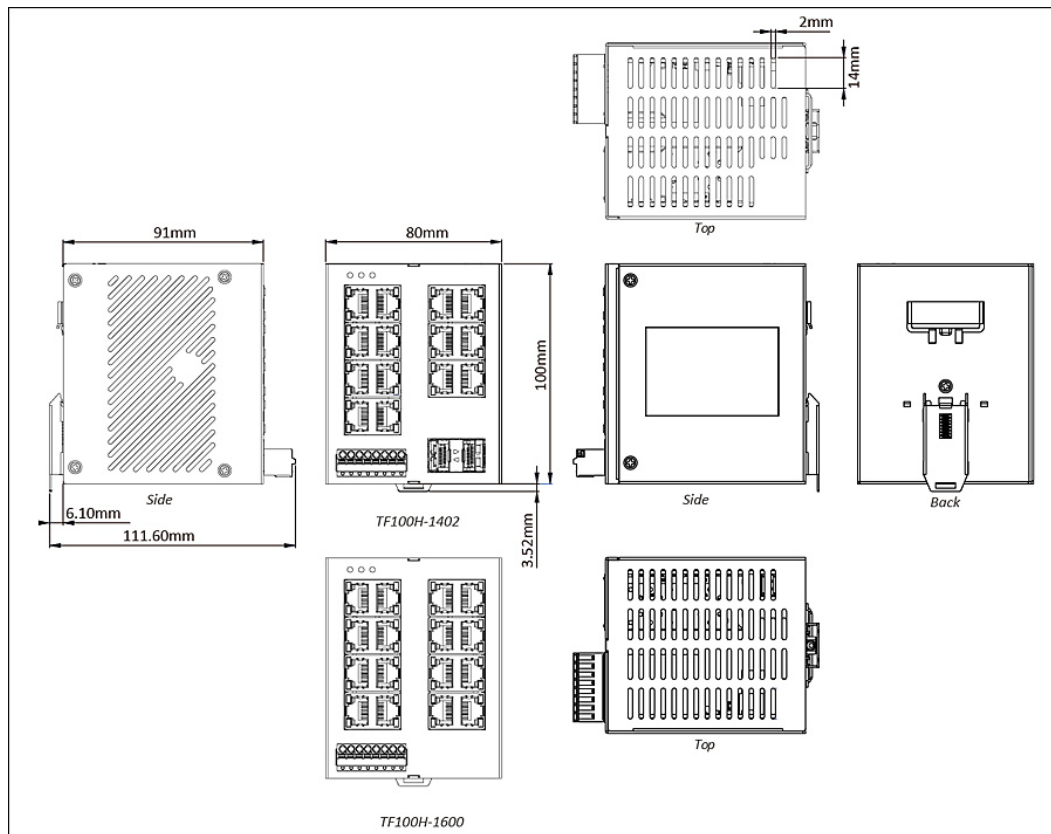
- 5% to 95% (non-condensing)

+ What's Included

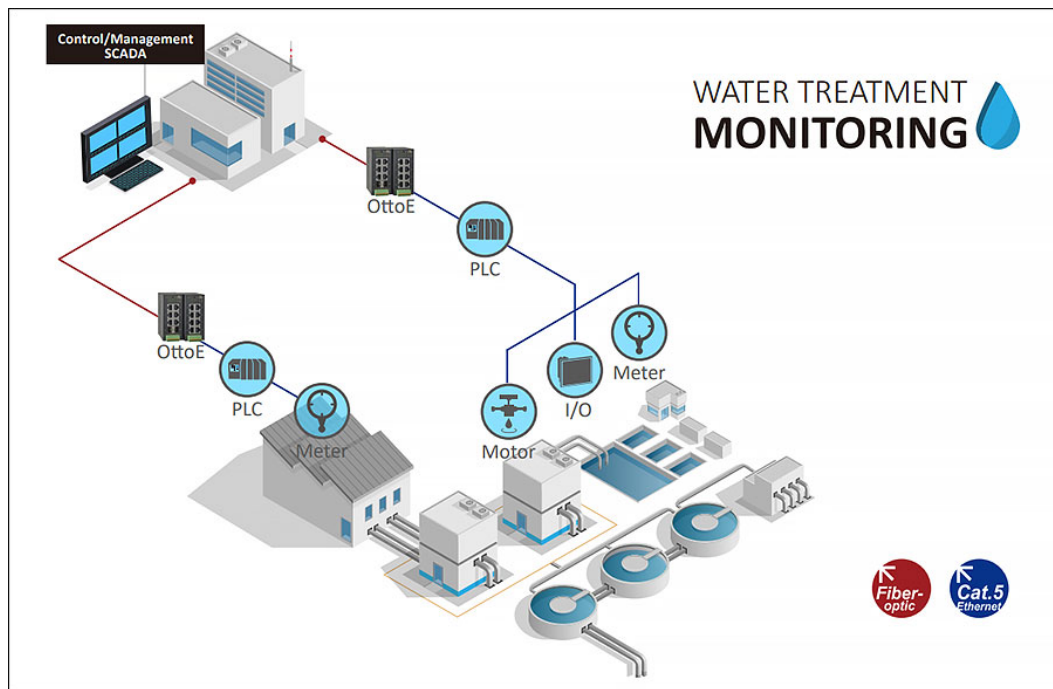
Device

- Ethernet switch

產品尺寸



產品應用



訂購資訊

+ Fast Ethernet models

		
	TF100-1600	TF100-1402
10/100Base TX	16	14
100Base SFP	-	2
Power Input	2 (9~55VDC) Push-in spring terminal block	
QoS	EtherNet/IP	
Corrosion Resistant	IP30	
	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/products/sfp-fiber-transceiver

