OttoE 08H FE

強固級非網管型 8 埠乙太網路交換器



產品介紹

OttoE 08H FE 是 EtherWAN 益網科技所推出的強固級非網管型的乙太網路交換器，專為空間受限與嚴苛環境設計，體積小巧卻具備穩定可靠的網路效能，為網通 SI 與工業採購提供高 CP 值的理想選擇。

OttoE 08H FE 寬廣的 **9 至 55VDC** 電源輸入範圍，提供備援電源選項，還具有繼電器警報功能，可在電源故障時發出警報，使其能輕鬆適應多種安裝環境。該交換器提供多個快速乙太網路的連接器，提供包含銅纜和 100Mbps SFP 連接器的型號，可用於遠距離連接。

支援自動協商（全雙工/半雙工）與自動 MDI/MDIX 功能，讓裝置連接變得簡單無負擔。內建 **QoS（服務品質）**功能可進行流量優先排序，優化整體網路效能。OttoE 08H FE 為軌道安裝型式，佈建快速便利，且具備長期穩定運作的耐用性，隨附安裝套件一應俱全。

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

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

SFP 連接埠

最多可支援達兩個 100BASE SFP

高可靠性

無風扇設計

-40 到 75°C 寬工作溫度

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

IP30

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.

-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)

Warranty

Length

Limited Lifetime

Details

www.etherwan.com/support/warranty-policy

What's Included

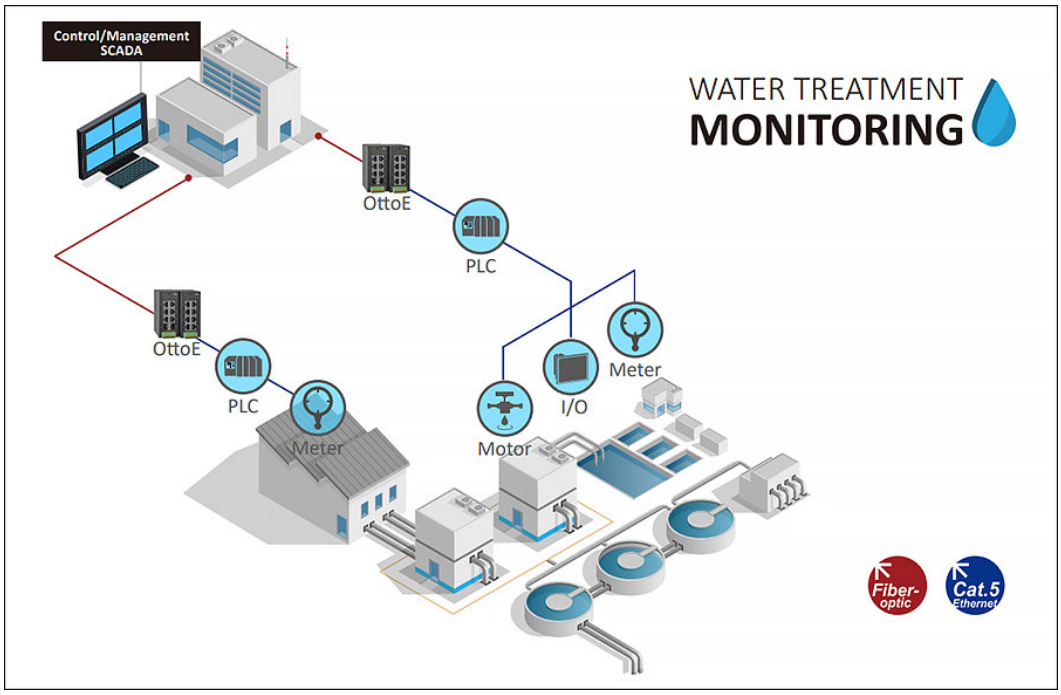
Device

Ethernet switch

產品尺寸

Hardened grade unmanaged 8 ports Etherenet switch

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

	 TF100H-0800	 TF100H-0602	 TF100-0800	 TF100-0602
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	IP30		IP40	
Operating Temp.	-40 to 75°C		-10 to 60°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

© EtherWAN Systems, Inc. All rights reserved. 20261112
EtherWAN is constantly developing and improving products. Specifications are subject to change without notice and without incurring any obligation.