

## OttoE 系列

工業級非網管型 8/16 埠乙太網路交換器



### 產品介紹

OttoE 系列是一款為工業環境設計的非網管型交換機，僅 10 公分高度的機身設計搭配必要的乙太網路功能，非常適合空間有限和艱困環境下的佈署需求。

OttoE 系列已通過多項國際標準認證，包括 EN 50121-4，UL 61010，CE 和 FCC，擁有良好的性能和品質保證。OttoE 系列支援全/半雙工自動協商和自動 MDI / MDIX 操作，可方便連接各種網路設備。QoS 支援流量優先排序和資源有效管理，可提高網路效率和性能。

此外，該系列提供六到十六個快速 (10/100BASE) 乙太網路埠或高速 (10/100/1000BASE) 乙太網路埠和兩個快速 (100BASE) 或高速 (100/100BASE) 雙速 SFP 光纖埠的組合，以實現遠距離連接。OttoE 系列採用堅固的金屬外殼，可安裝於導軌上，提供了安全性和易安裝性。此外，該設備支援備用電源輸入，並在斷電情況下提供繼電器警報，增加了可靠性和穩定性。綜合來看，OttoE 系列是一款性能穩定、易於安裝和維護的工業級交換機，適用於各種工業應用場景。

益網科技 — "連結，致勝的關鍵"

### 產品亮點

#### + 工作溫度範圍

支援工業等級

#### + 高可靠性

無風扇設計

#### + SFP 連接埠

最多可支援達兩個 100/1000BASE SFP

#### + QoS 封包排程

PROFINET (TG100), EtherNet/IP

## 產品規格

### + Interface

#### Ethernet

10/100BASE-TX: 6/8/14/16-ports

10/100/1000BASE-TX: 6/8-ports

100BASE-SFP: 0/2-ports

100/1000BASE-SFP: 0/2-ports

#### Alarm Contact

One relay output with current 0.5A@30V (8-port Series)/0.5A@48V (16-port Series)

#### LED Indicators

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

Per Port: Link/Activity (Green)

Per Port: Speed (Yellow) (16-port Series)

### + Physical

#### Casing Material

Metal

#### IP Rating

IP30 (16-port Series)

IP40 (8-port Series)

#### Dimensions

8-port Series: 45 x 75 x 100mm (W x D x H) (1.77" x 2.95" x 3.94")

16-port Series: 80 x 91 x 100mm (W x D x H) (3.15" x 3.58" x 3.94")

#### Weight

8-port Series: 336g (0.74lbs)

16-port Series: 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)  
IEEE 802.3ab 1000BASE-T  
IEEE 802.3z 1000BASE-SX/1000BASE-LX

### Forward/Filtering Rate

14,880pps for 10Mbps  
148,810pps for 100Mbps  
1,488,100pps for 1000Mbps

### Packet Buffer Memory

768K bits (TF100)  
1.5M bits (TG100)

### Processing Type

Store-and-Forward  
Auto Negotiation  
Half-duplex back-pressure  
Auto MDI/MDIX

### Address Table Size

2K MAC (TF100)  
4K MAC (TG100)

## + 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)  
FED STD 101C Method 5007.1 (8-port Series)  
IEC 60068-2-31 (16-port Series)  
(Free fall w/package)

### Industrial

EN 50121-4

### Traffic

NEMA TS2

## + Power

### Input

9-55VDC (Terminal Block)

### Power Consumption

3.4W max. (8-port Series)

3.72W max. (16-port Series)

### Protection

Reverse Polarity Protection

## + Warranty

### Length

Limited Lifetime

### Details

[www.etherwan.com/support/warranty-policy](http://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

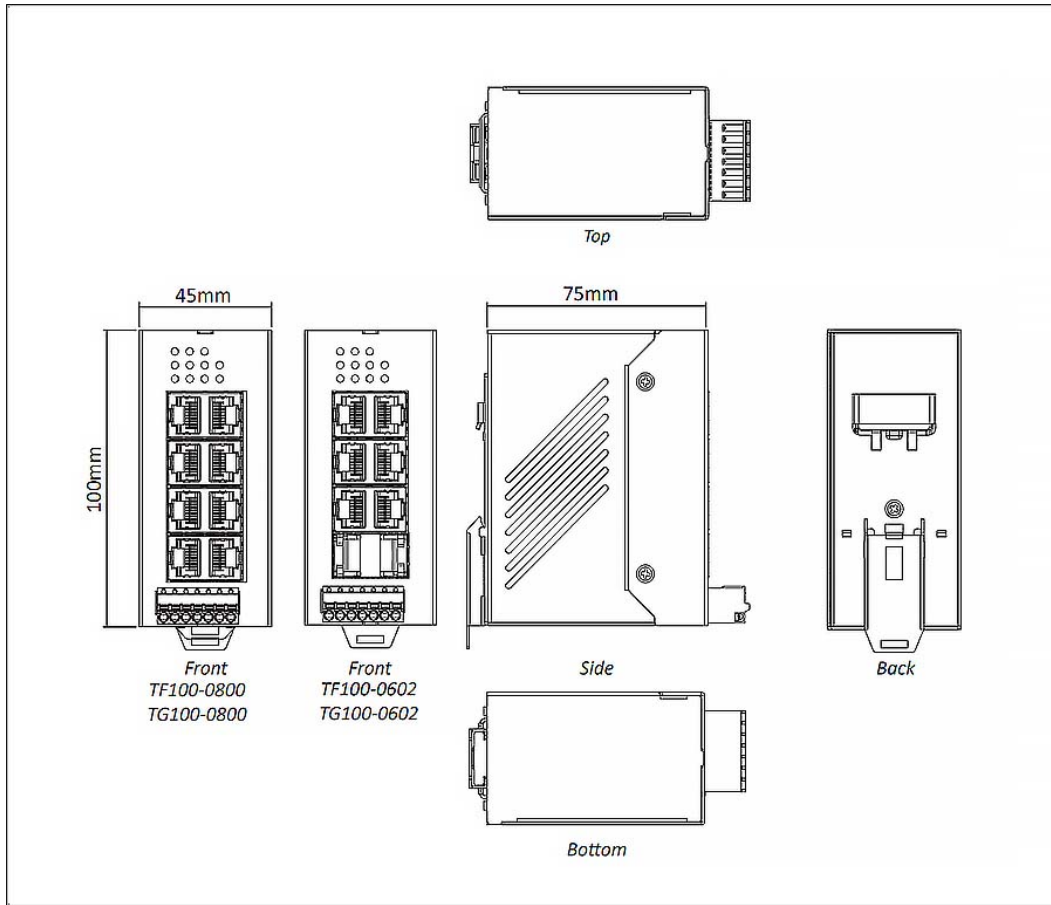
5% to 95% (non-condensing)

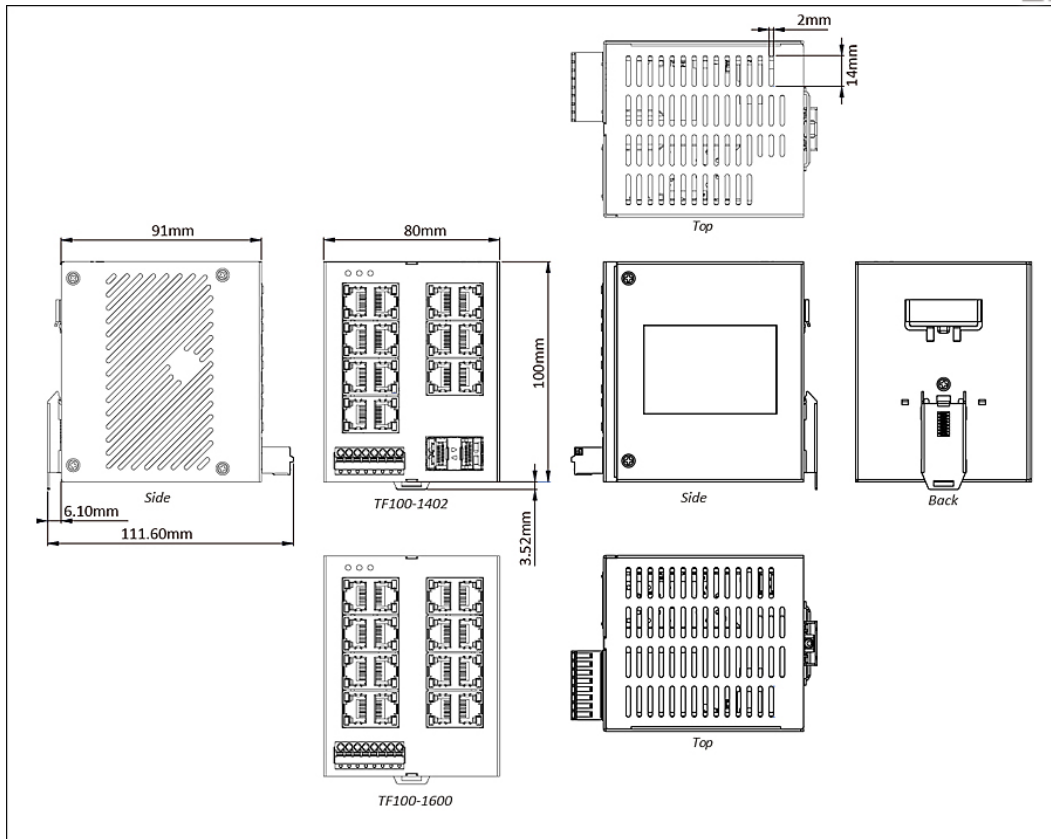
## + What's Included

### Device

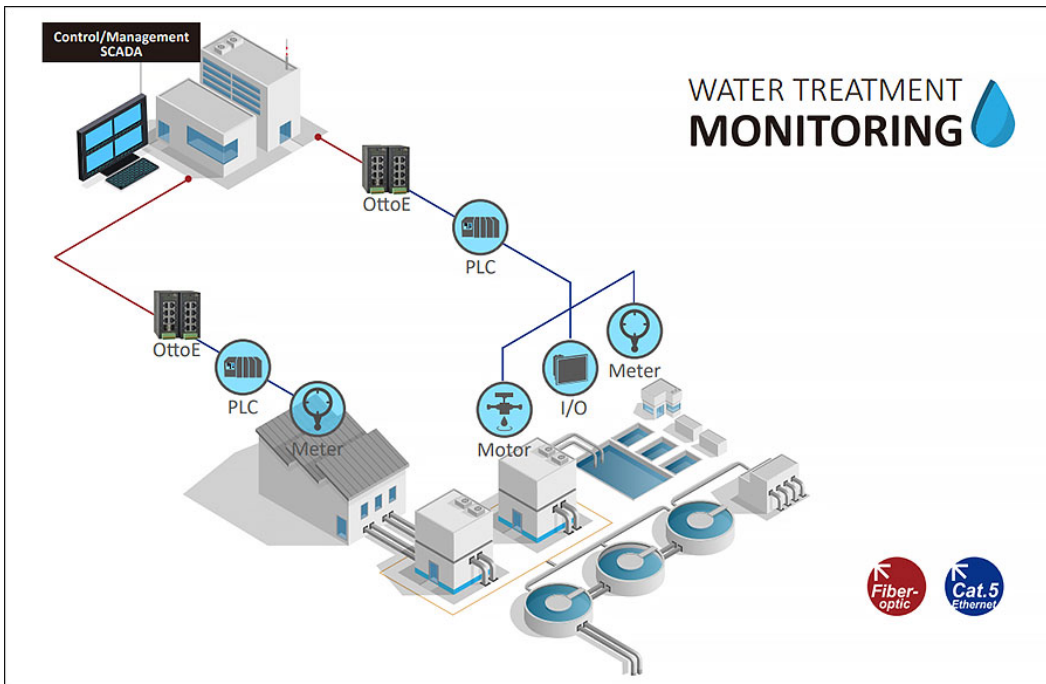
Ethernet switch

# 產品尺寸





## 產品應用



## 訂購型號

### + 訂購資訊

Fast Ethernet 型號

TF100-0800	8 埠 10/100BASE-TX 工業級非網管乙太網路交換器
TF100-0602	6 埠 10/100BASE-TX+2 埠 100BASE SFP 工業級非網管乙太網路交換器
TF100-1600	16 埠 10/100BASE-TX 工業級非網管乙太網路交換器
TF100-1402	14 埠 10/100BASE-TX+2 埠 100BASE SFP 工業級非網管乙太網路交換器

Gigabit Ethernet 型號

TG100-0800	8 埠 10/100/1000BASE-TX 工業級非網管乙太網路交換器
TG100-0602	6 埠 10/100/1000BASE-TX+2 埠 100/1000BASE SFP 工業級非網管乙太網路交換器

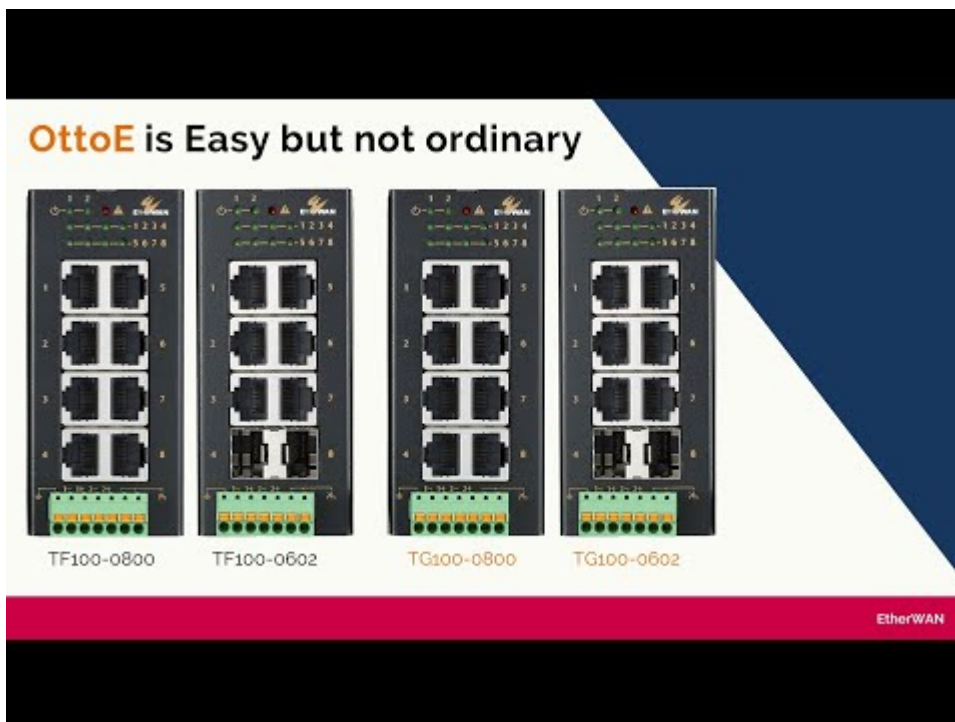
### + 配件選購

HDR-30-24	30W/1.5A 導軌式 24VDC 工業級電源供應器
HDR-60-24	60W/2.5A 導軌式 24VDC 工業級電源供應器

100BASE SFP 模組	<a href="http://www.etherwan.com/products/sfp-fiber-transceiver">www.etherwan.com/products/sfp-fiber-transceiver</a>
Gigabit SFP 模組	<a href="http://www.etherwan.com/products/sfp-fiber-transceiver">www.etherwan.com/products/sfp-fiber-transceiver</a>

**CNS15936 [甲類警語] 警告:** 為避免電磁干擾，本產品不應安裝或使用於住宅環境。

## 影片介紹





© EtherWAN Systems, Inc. All rights reserved. 20241126

EtherWAN is constantly developing and improving products. Specifications are subject to change without notice and without incurring any obligation.