

OttoE 05 GE

工業級非網管型 5 埠 Gigabit 乙太網路交換器



產品介紹

OttoE 05 GE 是一款小型非網管型乙太網路交換器，專為空間狹小與環境嚴苛的工業場域設計。機身高度僅 100mm，方便安裝於配電盤、控制箱等有限空間。具備 5 埠 Gigabit 網路埠，支援自動協商與 MDI/MDIX，即插即用、安裝快速。支援 9~55VDC 電源輸入，適配 12V、24V、48V 各類工業電壓，搭配塑膠強化外殼，抗衝擊與抗腐蝕性能優異，長時間運作穩定可靠。

OttoE 05 GE 適用於智慧交通控制箱、監控系統、工業自動化設備與邊緣運算場域等應用情境。內建 QoS 功能可優化資料傳輸順序，確保影像與控制訊號即時穩定傳輸。標準 DIN 軌安裝設計，隨附配件一應俱全，讓工程人員能快速佈建網路，是一款高 CP 值的小型工業交換器解決方案。

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
- ◆ 公共基礎建設網路

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

+ 高可靠性

電源輸入 12/24/48 VDC

+ 耐腐蝕

IP30 耐受度設計

+ 艱困環境適用

無風扇設計

+ QoS 封包排程

EtherNet/IP (UDP 2222)

PROFINET (Ethertype 0x8892)

產品規格

+ Interface

Ethernet

10/100/1000BASE-TX: 5-ports

LED Indicators

Per Unit: Power 1 (Green)

Per Port: Link/Activity (Green)

+ Physical

Casing Material

Plastic

IP Rating

IP30

Dimensions

25 x 81 x 100mm (W x D x H)(0.98" x 3.19" x 3.94")

Weight

120g (4.23lbs)

Installation Type

DIN-Rail (Top hat type 35mm) mounting

+ Technology

Standards

IEEE 802.3 10BASE-T
IEEE 802.3u 100BASE-TX
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

1M 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)
IEC 60068-2-31
(Free fall w/package)

Traffic

NEMA TS2

Railway

EN 50121-4

+ Power

Input

9-55VDC (Terminal Block)

Power Consumption

2.62W 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

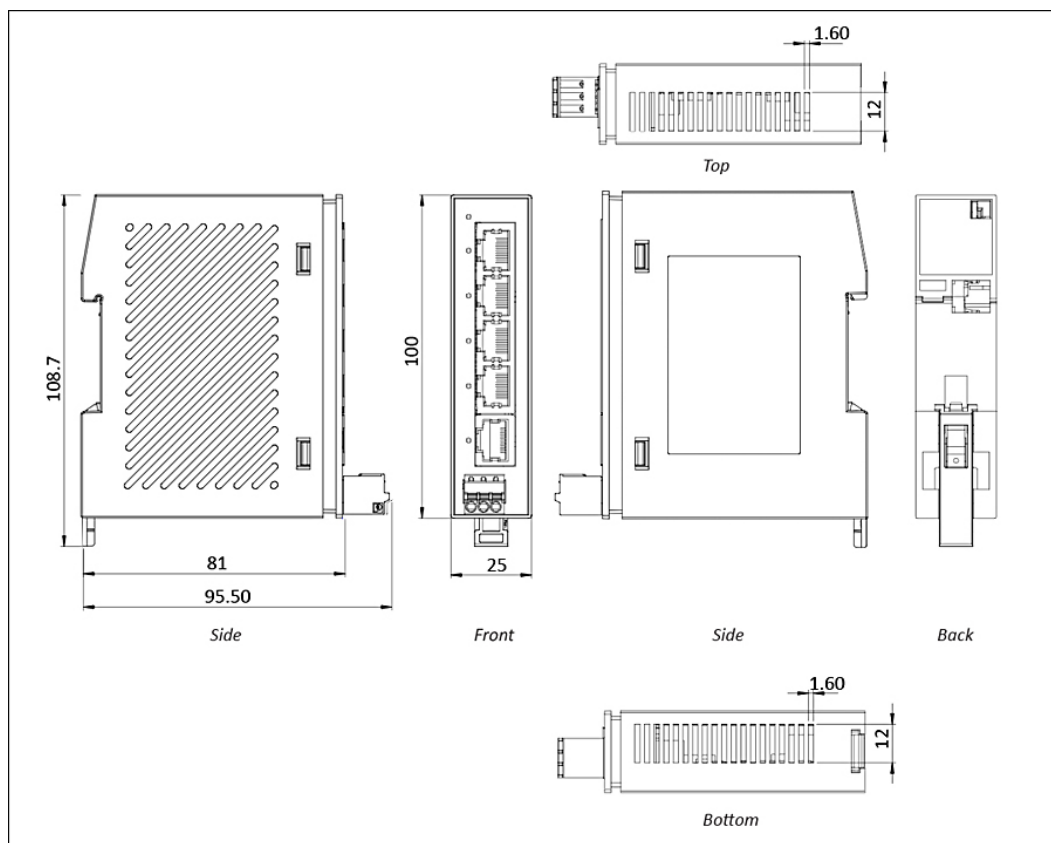
www.etherwan.com/support/warranty-policy

+ What's Included

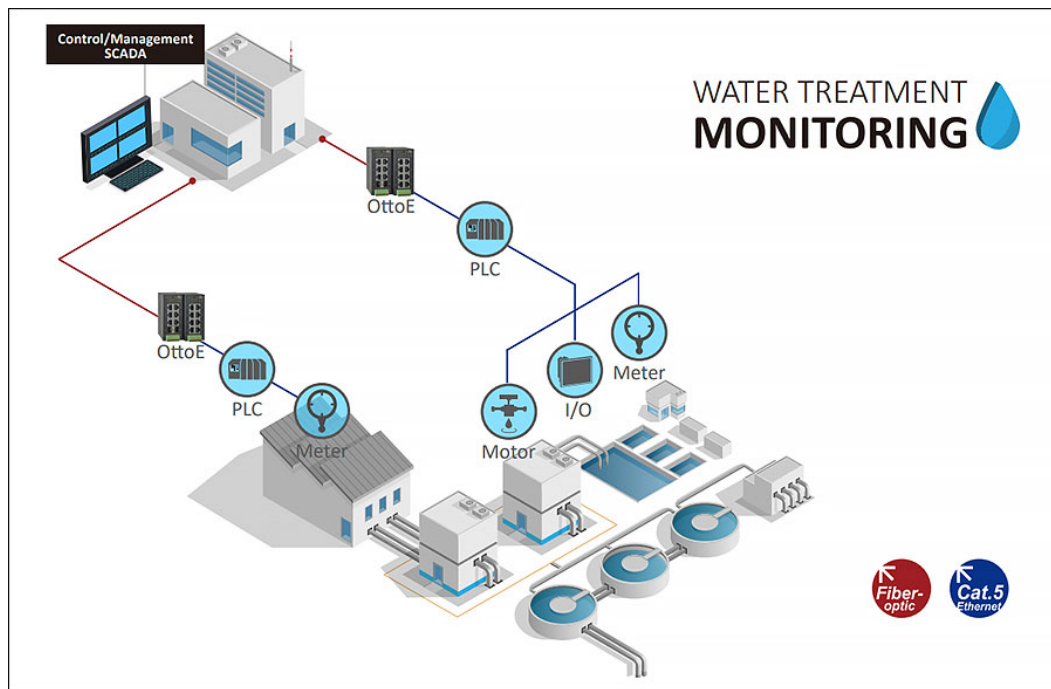
Device

Ethernet switch

產品尺寸



產品應用



訂購資訊

+ Gigabit Ethernet models



TG100-0500

Power Input	1 (9~55VDC) 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

