

OttoE Series

Industrial Unmanaged 8-port Fast/Gigabit Ethernet Switch



Product Highlights

Industrial Grade

- Supports -10 to 60°C (14 to 140°F) operating temperature

SFP Connectivity

- Up to two 100/1000BASE SFP option

High Reliability

- Fanless design

Quality of Service

- PROFINET (TG100), EtherNet/IP

Overview

EtherWAN's OttoE Series is an industrial unmanaged Gigabit Ethernet switching platform, designed for easy deployment in harsh environments with limited space. The OttoE Series is an economic easy-to-use device, which provides essential industrial Ethernet networking functionality.

It supports 9 to 55VDC redundant power input, and also provides relay alarm for power failure or link down. The OttoE is equipped with eight Fast/Gigabit Ethernet ports, or a combination of Fast/Gigabit Ethernet copper ports and two 100 or 100/1000 Mbps dual rate SFP ports for long distance connectivity.

This versatile switch features full/half-duplex auto-negotiation and auto MDI/MDIX operation, allowing for convenient connection of a variety of network devices. QoS (Quality of Service) support allows for traffic prioritization and effective management of resources. A rugged, DIN rail mountable metal housing provides security and easy installation (mounting kit is included).

EtherWAN – "When Connectivity is Crucial."

Ordering Information

Fast Ethernet Models

TF100-0800	8-port 10/100BASE-TX Industrial Unmanaged Ethernet Switch
TF100-0602	6-port 10/100BASE-TX+2-port 100BASE SFP Industrial Unmanaged Ethernet Switch

Gigabit Ethernet Models

TG100-0800	8-port 10/100/1000BASE-TX Industrial Unmanaged Ethernet Switch
TG100-0602	6-port 10/100/1000BASE-TX+2-port 100/1000BASE SFP Industrial Unmanaged Ethernet Switch

Optional Accessories

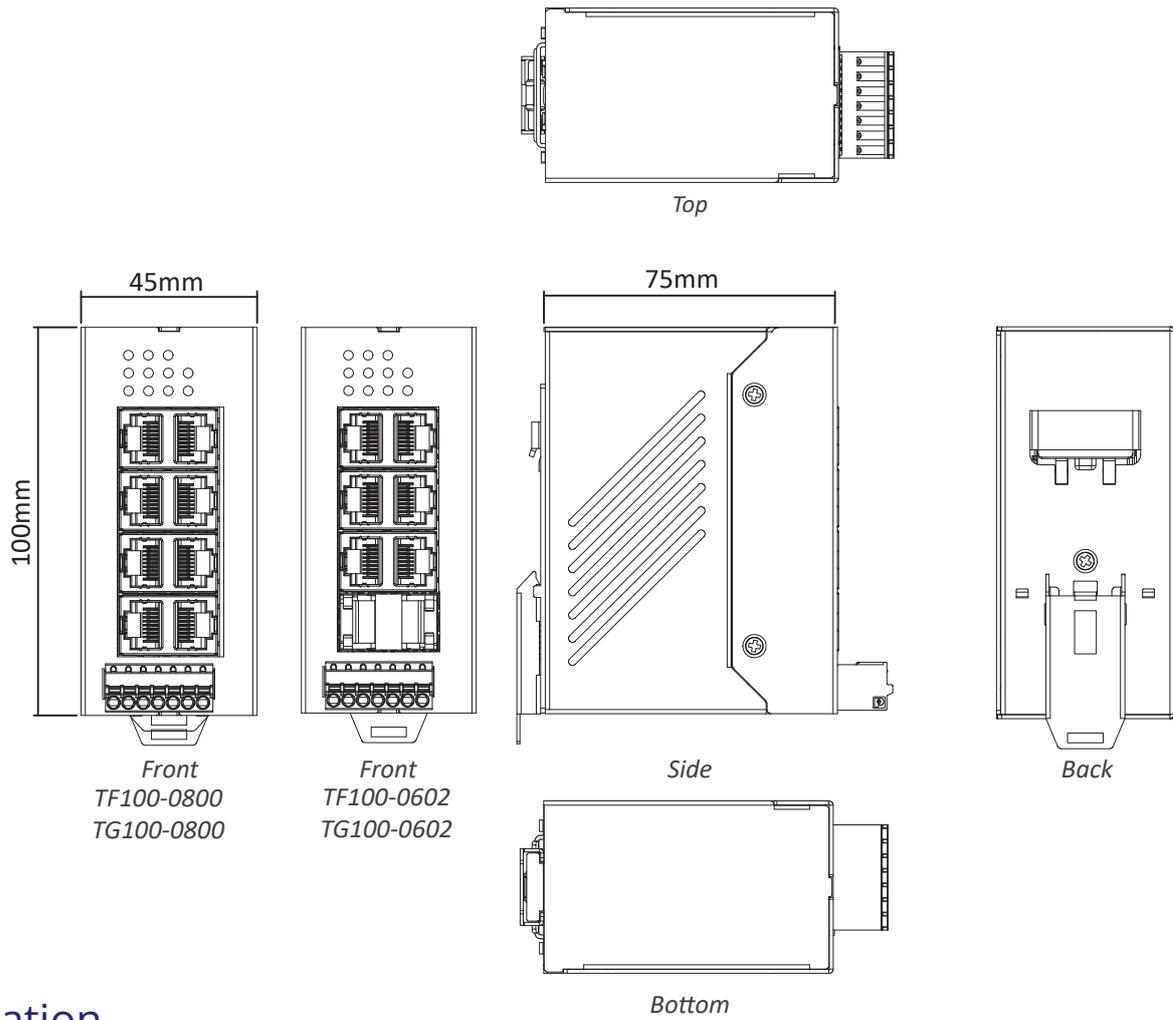
HDR-30-24	30W/1.5A DIN-Rail 24VDC Industrial Power Supply
HDR-60-24	60W/2.5A DIN-Rail 24VDC Industrial Power Supply

Hardware Specifications

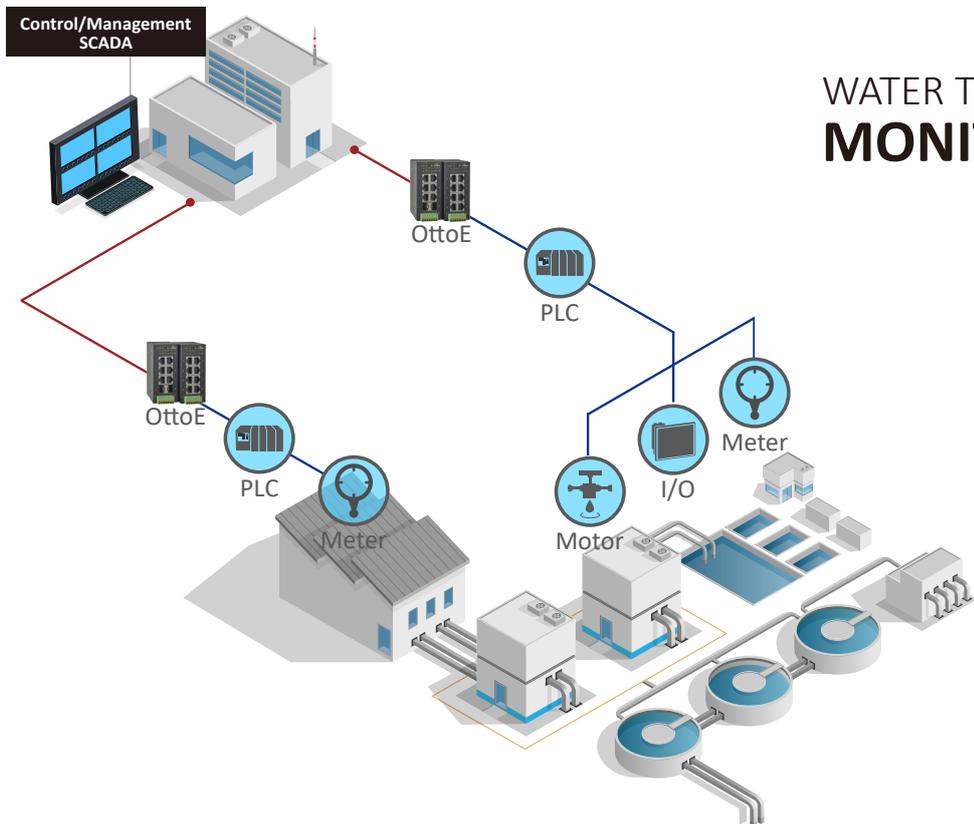
Interface		+
Ethernet	10/100BASE-TX: 8 or 6 ports 10/100/1000BASE-TX: 8 or 6 ports 100BASE-SFP: 0 or 2 ports 100/1000BASE-SFP: 0 or 2 ports	
LED Indicators	Per Unit: Power 1 (Green), Power 2 (Green), Fault (Red) Per Port: Link/Activity (Green)	
Alarm Contact	One relay output with current 0.5A@30V	
Technology		+
Standards	IEEE 802.3u 100BASE-TX/FX IEEE 802.3x full-duplex flow control 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 (TF100) 1.5M bits (TG100)	
Processing Type	Store-and-Forward Auto Negotiation Half-duplex back-pressure and IEEE 802.3x full-duplex flow control Auto MDI/MDIX	
Address Table Size	2K MAC (TF100) 4K MAC (TG100)	
Power		+
Input	12-48VDC (9-55VDC) (Terminal Block)	
Power Consumption	3.4W max. (TF100) 5.55W max. (TG100)	
Protection	Reverse Polarity Protection	
Physical		+
Casing Material	Metal	
IP Rating	IP40	
Dimensions	45x75x100mm (W x D x H) (1.77"x2.95"x3.94")	
Weight	336g (0.74lbs)	
Installation	DIN-Rail (Top hat type 35mm) mounting	
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)	

Regulatory		+
ISO	Manufactured in an ISO 9001 facility	
Safety	UL 61010	
EMI	FCC Part 15 Class A VCCI Class A EN 61000-6-4 ICES-003 EN 55032	
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)	
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)	
Industrial	EN 50121-4	
Warranty		+
Length	Limited Lifetime	
Details	www.etherwan.com/support/warranty-policy	
What's Included		+
Device	Ethernet switch	
Installation	Mounting brackets, screws	
Documentation	Quick install guide	

Dimensions



Application



WATER TREATMENT MONITORING 

