

## Industrial DIN-Rail Unmanaged PoE Ethernet Switch

### EHG6308 series

8-Port Unmanaged PoE Ethernet Switch with Gigabit Unlink Ports

## Introduction

Thank you for choosing the ATOP Industrial DIN-Rail Unmanaged PoE Ethernet Switch. The Switch delivers non-blocking, wire speed switching for your 10/100 and network clients and 1000Mbps for uplink, so all workstations will perform at their maximum speeds.

The guide covers two product models:

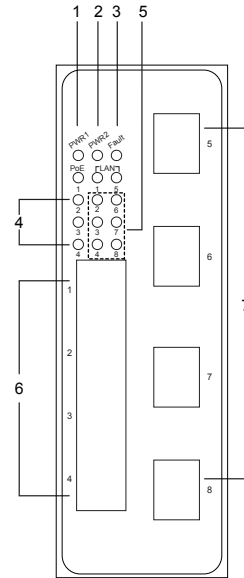
- EHG6308-4PoE:
  - 8-Port Unmanaged PoE Ethernet Switch with Gigabit Unlinks. Includes 8-Port 10/100/1000Mbps with 4-Port 802.3at Power over Ethernet Switch
- EHG6308-4PoE-4SFP:
  - 8-Port Unmanaged PoE Ethernet Switch with Gigabit Unlinks. Includes 4-Port 10/100/1000Mbps with 802.3at Power over Ethernet Switch and 4-Port 1000Mbps SFP Fiber.

Use the instructions in this Hardware Installation Guide to help you install the Switch. These instructions should be all you need to get the most out of the Industrial Harsh Ethernet Switch.

## Inside the Package

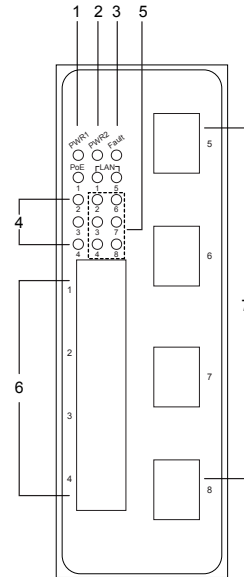
- Main Product
  - Atop EHG6308 Industrial Unmanaged PoE Ethernet Switch x 1
- Standard Accessories:
  - 7-pin Terminal Block ( 2ESDV-07P) x 1  
Atop P/N: 50706491G
  - RJ-45 Port Plugs x 4  
Atop P/N: 3990012G
  - Hardware Installation Guide(Warranty card is included) x 1  
Atop P/N: 89900407G
- Optional Accessories
  - Wall mount kit x 1  
Atop P/N: 202EH731000003G
  - 7-pin Terminal Block (2ESDP-07P) x 1  
Atop P/N: 50706551G
  - Grounding cable x 1  
Atop P/N: 59906861G

## Product Description



### EHG6308-4PoE

1. Green: Power input PWR1 LED
2. Green: Power input PWR2 LED
3. Red: Fault LED
4. Yellow: Port 1~4 LED, PoE Port
5. Green: Port 1~8 LED, LAN Port
6. Port 1 ~ 4:  
4 ports of 10/100/1000baseT(X) with RJ-45 connector and PoE function
7. Port 5~8: 10/100/1000BaseT(X) port



### EHG6308-4PoE-4SFP

1. Green: Power input PWR1 LED
2. Green: Power input PWR2 LED
3. Red: Fault LED
4. Yellow: Port 1~4 LED, PoE Port
5. Green: Port 1~8 LED,  
Switch is sending or receiving data
6. Port 1 ~ 4:  
4 ports of 10/100/1000baseT(X) with RJ-45 connector and PoE function
7. Port 5~8: 1000BaseSFP slot

## Hardware Installation

### Electrical

Step 1: Unpack the Switch, check to make sure no external damages and no parts are missing.

Step 2: Connect the power adapter/supply (48V~57VDC). It is normal to see the PWR1 and PWR2 indicator on. If the Switch misses one of PWR1 or PWR2, the Fault indicator will on.

Step 3: Hook up one RJ-45 port to your LAN, and another port to your computer. Check to make sure your host computer can access the LAN.

Metal Spring



### Mechanical

All Ethernet Switches are equipped with DIN-Rail bracket attached onto rear panel. Follow the steps below to fasten the switch to DIN-Rail.

Step 1: Tilt the unit slightly backwards.

Step 2: Fit the unit over top the DIN-Rail.

Step 3: Push downwards and against the DIN-Rail for locking.

Step 4: Check that the unit is locked into position.



## LED Indicators

There are five LED indicators located at the front panel of EH series.

Name	LED	Status	Description
Fault	RED	Off	Power input status is normal
		On	Power input is disconnected or failed
PW1/PW2	Green	Off	No power input detected from PWR1/PWR2
		On	Power is supplied from PWR1/PWR2
RJ-45	Green	Off	Link is down or no cable is plugged in
		Blink	Data is transmitting on this port
	Yellow	Off	Link is down or no Powered Device (PD) is connected
		On	EHG6308 is supplying power to the connected PD

## Hardware Installation Guide

Version 1.0

Updated on Nov. 9, 2011

# Configuration and Setting Methods

Any settings or configuration is unnecessary.

## Pin Assignment of Network Connections

### 10/100/1000Base-T(X) Ethernet Port Connection

RJ-45								
10/100Base -T(X)								
Pin	1	2	3	4	5	6	7	8
Signal	Tx+ DC+	Tx- DC+	Rx+ DC-			Rx- DC-		
1000base-T(X)								
Pin	1	2	3	4	5	6	7	8
Signal	TxRx A+ DC+	TxRx A- DC+	TxRx B+ DC-	TxRx C+ DC-	TxRx C- DC-	TxRx B- DC-	TxRx D+ DC-	TxRx D- DC-

### Cable type, Max. Transmission and Connector

Speed	Cable	Max. Length	Connector
10Base-T	Cat. 3, 4, 5	UTP 100 m (328 ft)	RJ-45
100Base-T	Cat. 5 UTP	UTP 100 m (328 ft)	RJ-45
1000Base-T	Cat. 5/Cat.5e UTP	UTP 100 m (328 ft)	RJ-45
1000Base-SX\SX+	Multi-mode	2km	SFP
1000Base-LX\LHX\XD	Single-mode	30 km	SFP

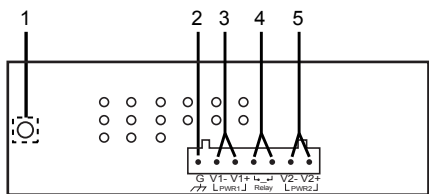
### 1000Base- Fiber SFP Port Connection

Fiber Port	
Single-mode & Multi-mode	

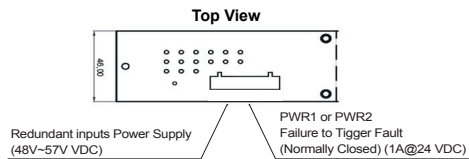
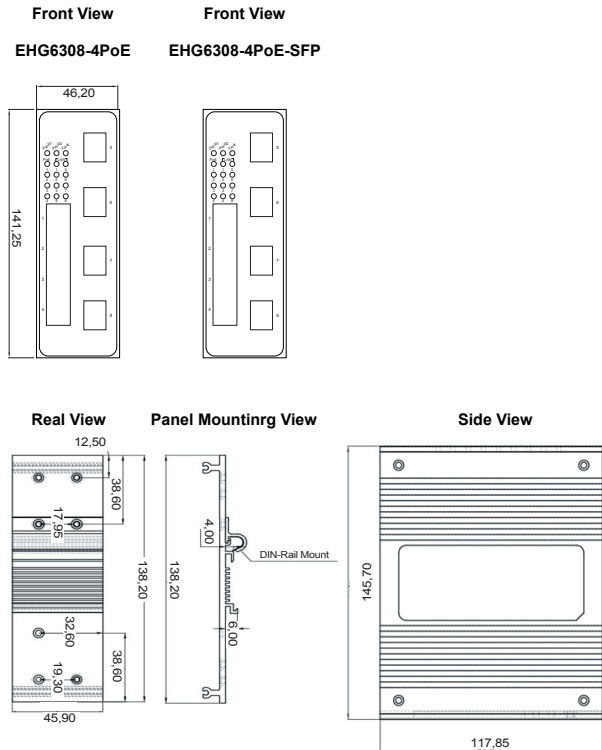
Note:  
The above picture shows the optional accessories available upon request.

### 7-pin Terminal Block for Power Input

1. Grounding screw
2. Frame Ground
3. Terminal block for power input PWR1
4. Relay output warning for power failure and break alarm. Normally Closed.(1A@24VDC)
5. Terminal block for power input PWR2



## EHG6308 series Physical appearance and Dimensions (unit=mm)



# Warranty Policy

### Warranty Conditions

Products supplied by Atop Technologies are covered in this warranty for sub-standard performance or defective workmanship. The warranty is not, however, extended to goods damaged in the following circumstances:

- Excessive forces or impacts
- War or an Act of God: wind storm, fire, flood, electric shock, earthquake
- Use of unqualified power supply, connectors, or maintenance procedure
- Replacement with unauthorized parts

### RMA and Shipping Costs Reimbursement

Customers shall always obtain an authorized "RMA" number from Atop before shipping the goods to be repaired to Atop. When in normal use, a sold product shall be replaced with a new one within 3 months after purchase. The shipping cost from the customer to Atop will be reimbursed by Atop.

After 3 months and still within the warranty period, it is up to Atop whether to replace the unit with a new one; normally, as long as a product is under warranty, all parts and labor are free of charge to the customers.

After the warranty period, the customer shall cover the cost for parts and labor. Three months after purchase, the shipping cost from the customer to Atop will not be reimbursed, but the shipping cost from Atop to the customer will be paid by Atop.

### Limited Liability

Atop shall not be held responsible for any consequential losses from using Atop's product.

### Warranty Period

Product Categories	Warranty
Serial-to-Ethernet Server	5 Years
Serial-to WLAN Server	
Industrial Wireless Ethernet Device	
Modbus Gateway Series	
Industrial Ethernet Switch	
Embedded Serial Server	1 Year
Pick-to-Light System	
Auto-Identification and Data Collection-AIDC	

\* **Warranty coverage for accessories such as power adapters and high-gain antenna is one year.**



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