

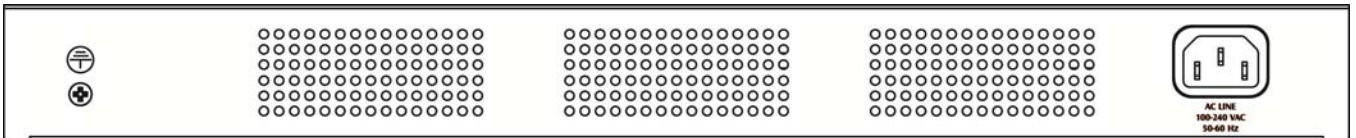
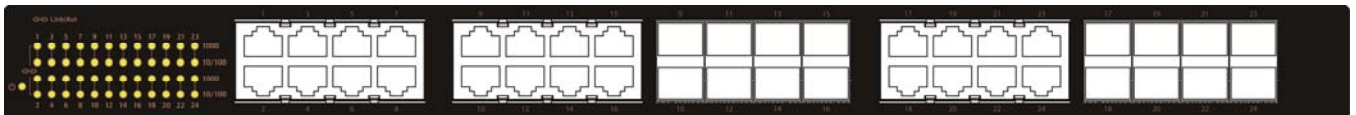
This quick start guide describes how to install and use the Industrial Gigabit Ethernet Switch. This is the switch of choice for harsh environments.

## Functional Description

- 1000Mbps-Full-duplex, 10/100Mbps-Full/Half-duplex, Auto-Negotiation, Auto-MDI/MDIX.
- Supports 8192 MAC addresses. Provides 512KB buffer memory.
- None-blocking architecture and full wire-speed forwarding rate.
- Supports IEEE802.3x Flow Control for Full-duplex and Back Pressure for Half-duplex.
- Supports IEEE802.3az Energy Efficient Ethernet (EEE) standards on copper ports.
- Supports Quality of Service (QoS) based on layer 2 priorities.
- Jumbo frame supports up to 16379 Bytes.
- 100~240VAC, 50~60Hz internal universal PSU.
- -10°C to 60°C (14°F to 140°F) operating temperature range.
- Supports Rack Mounting installation.

## Physical Description

### The Port Status LEDs and Power Inputs

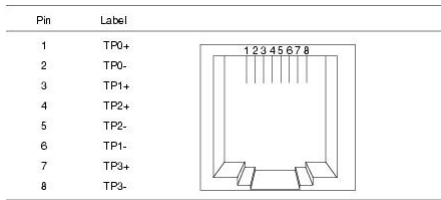


LED	State	Indication
Power	Steady	Power on.
	Off	Power off.
10/100/1000Base-TX / SFP Ports		
Link/Act 10/100Base (Green)	Steady	A valid network connection established at 10/100Mbps.
	Flashing	Transmitting or receiving data. Act stands for Activity.
	Off	No valid network connection established.
Link/Act 1000Base (Green)	Steady	A valid network connection established at 1000Mbps.
	Flashing	Transmitting or receiving data. Act stands for Activity.
	Off	No valid network connection established.

## The 10/100/1000Base-TX and Gigabit SFP Connectors

### The 10/100/1000Base-TX Connections

The following lists the pinouts of 10/100/1000Base-TX ports.



Pin	Signal Name	Signal Definition
1	TP0+	Transmit and Receive Data 0 +
2	TP0-	Transmit and Receive Data 0 -
3	TP1+	Transmit and Receive Data 1 +
4	TP2+	Transmit and Receive Data 2 +
5	TP2-	Transmit and Receive Data 2 -
6	TP1-	Transmit and Receive Data 1 -
7	TP3+	Transmit and Receive Data 3 +
8	TP3-	Transmit and Receive Data 3 -

### The SFP Socket Connections

The SFP socket for SFP optical modules.

