

# 810G-5PI Industrial GbE Unmanaged PoE Switch

## Introduction

Proscend's 810G-5PI brings the full Gigabit, slim design, and plug-and-play benefits to the Industrial network edge, by providing four PoE (Power Over Ethernet) ports and one SFP (Small Form-factor Pluggable) slot for accommodating a wide variety of fiber SFP transceivers.



The 810G-5PI is compliant with IEEE 802.3at standard and supports 30 watts maximum output power per port. Each built-in PoE LED helps administrators to know the status of power and indicate the situation when the PoE output power is closing the maximum power budget.

## Features

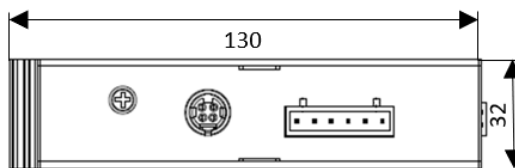
- Full Gigabit speed on all copper and fiber interfaces.
- Industrial slim design for operation in harsh environments.
- 6KV surge protection on RJ45 port.
- Total PoE power budget 120W.
- Support Jumbo frames.
- DIN-rail and wall-mounting.
- Provide broadcast storm protection.
- Support redundant power inputs and power alarm relay.

## Specifications

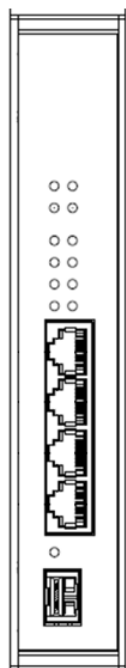
<p><b>Interfaces</b></p> <ul style="list-style-type: none"> <li>■ LAN port: 10/100/1000BASE-T x 4, RJ45</li> <li>■ Uplink port: SFP slot x 1, support 100M/1000Mbps transceivers</li> <li>■ Dual power input and alarm relay: 6-pin terminal block</li> <li>■ Alarm relay output: 0.25A @ 50 VDC</li> <li>■ 4-pin DC IN power connector</li> </ul> <p><b>Standards Compliance</b></p> <ul style="list-style-type: none"> <li>■ IEEE 802.3</li> <li>■ IEEE 802.3u</li> <li>■ IEEE 802.3ab</li> <li>■ IEEE 802.3af/at</li> </ul> <p><b>Flow Control</b></p> <ul style="list-style-type: none"> <li>■ Support IEEE 802.3x Flow Control</li> <li>■ Support Pause Frame at Full-Duplex operation</li> <li>■ Support backpressure at Half-Duplex operation</li> </ul> <p><b>Mechanical</b></p> <ul style="list-style-type: none"> <li>■ Dimension (W x H x D): 32 x 180 x 130 mm</li> <li>■ Weight: 650 g</li> <li>■ DIN-rail and wall mounting</li> <li>■ IP30</li> </ul>	<p><b>Power</b></p> <ul style="list-style-type: none"> <li>■ Dual power inputs with reverse power protection</li> <li>■ Overload Current protection</li> <li>■ 48 ~ 55 VDC</li> <li>■ PoE power budget: 120W</li> </ul> <p><b>LED Indicators</b></p> <ul style="list-style-type: none"> <li>■ Power input</li> <li>■ PoE power usage</li> <li>■ Ethernet LAN port Speed and status</li> <li>■ PoE output</li> <li>■ Uplink port status</li> </ul> <p><b>Environment &amp; Regulatory Compliance</b></p> <ul style="list-style-type: none"> <li>■ Operation temperature: -20 to +65°C</li> <li>■ Storage temperature: -40 to +85 °C</li> <li>■ Humidity (non-condensing): 10 to 95%</li> <li>■ EMC Class A</li> <li>■ FCC CFR Title 47, Part 15, Subpart B ANSI C63.4</li> <li>■ CE EN 55032, EN 55035, EN 6100-3-2, EN 6100-3-3</li> <li>■ Electrical safety: LVD EN 62368-1</li> <li>■ RoHS (Pb free) and REACH compliant</li> <li>■ MTBF: &gt; 25 years @25°C</li> </ul>
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## Dimensions

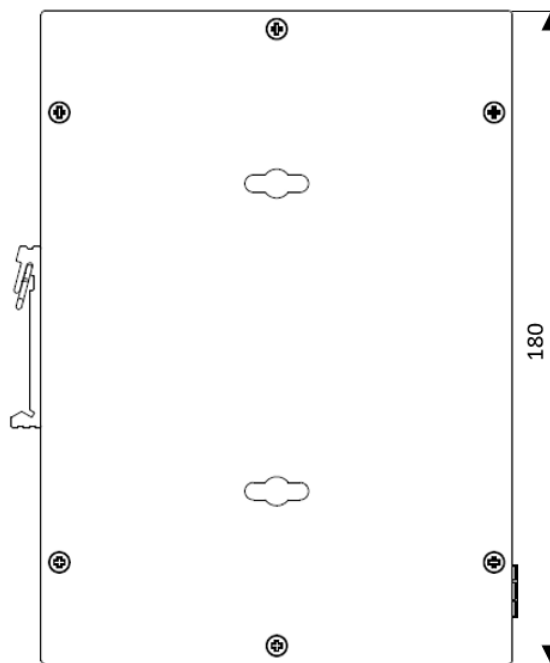
Unit: mm



Top View



Front View



Side View

## Ordering Information

Model Name	Description
810G-5PI	Industrial 5-Port GbE Unmanaged PoE Switch (GbE x 4, GbE SFP x 1)

**NOTE:** Features and specifications are subject to change without prior notice.