

3S-PI30G | Quick Installation Guide

Gigabit IEEE 802.3at/af PoE+ Injector

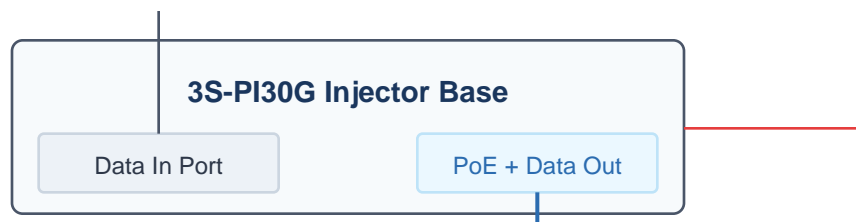
1. Product Overview

The **3S-PI30G** is a high-performance Gigabit PoE+ Injector fully compliant with standard **IEEE 802.3af** and **IEEE 802.3at** protocols. It works seamlessly with all compliant Powered Devices (PDs) and PoE Splitters.

2. Hardware Interfaces

- **AC Socket:** Accepts the universal 100-240 VAC power cord input.
- **Data In Port:** 1x RJ45 10/100/1000 Mbps port used to link non-PoE network hardware.
- **PoE + Data Out Port:** 1x RJ45 10/100/1000 Mbps port supplying up to 30W of power.

3. Hardware Installation (Plug & Play)



1. **Connect Source Data:** Connect your switch/router to the Data In Port.
2. **Connect PoE Target:** Run an Ethernet line from the PoE + Data Out Port to your remote device.
3. **Power On:** Connect the AC power cord to a wall outlet.

4. Technical Specifications

Parameter	Specification Details
Product Model	3S-PI30G
Output Power	Up to 30W
Output Voltage	54 VDC / 0.57A
Data Rate	Up to 1000 Mbps (1 Gbps)
Transmission Distance	Up to 100 Metres
Ethernet Ports	1x Gigabit Data In Port, 1x Gigabit PoE + Data Out Port
Connector Type	RJ45
Cable Requirement	Cat5e / Cat6 / Cat6A
Standards Compliance	IEEE 802.3, 802.3u, 802.3ab, 802.3af, 802.3at
PoE Surge Protection	Up to 12 kV
AC Input Protection	Up to 4 kV
Hardware Protection	Short Circuit, Over Current, Over Voltage, Overload
Certifications	CE, FCC
Operating Temp.	0 degree C to 55 degree C
Dimensions	115 x 50 x 36 mm
Installation System	Plug-and-Play -- no configuration required