PT-PSE109GMN-A-S

Managed Fiber to PoE Injector

Overview

PT-PSE109GMN-A-S, a single port fiber PoE Injector with Managed Ethernet function. Supports IEEE 802.1Q VLAN and port-based VLAN. We can access and manage the device via web browser, including IP configuration, port configuration, VLAN configuration, PoE configuration, device control, etc. We can also view device information such as switch status, port status, and PoE status etc. In addition, the PoE port enables remote control of the device' on/off and reset status.

This model has a 1000BASE-X SFP Interfaces, offers a unique solution to powering long range installations, where the data input comes over fiber.
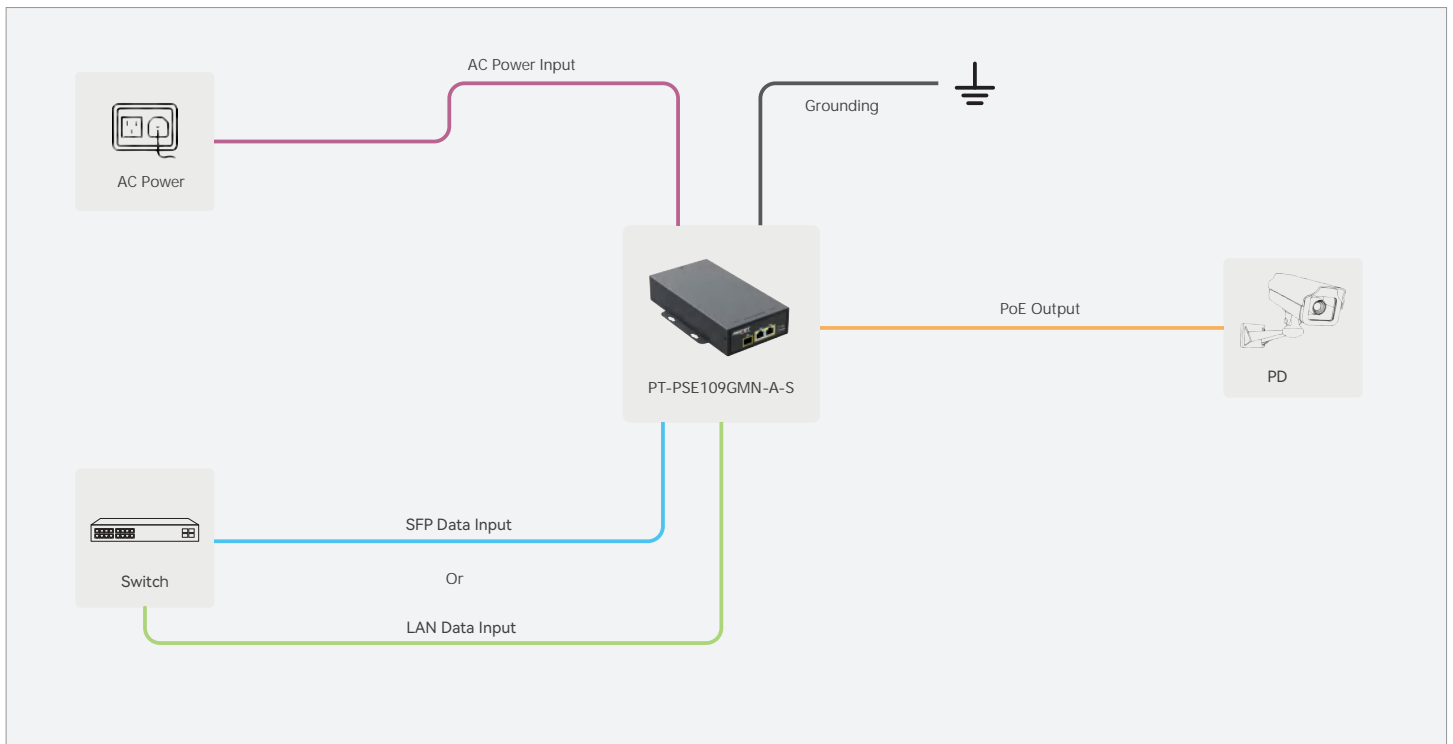
The PoE output port delivers 55V/2.2A power up to 121W(max) for remote PD viafull 4 pairs with 4KV surge protection at 10/100/1000Mbps of data speed. It supports terminal equipments with IEEE802.3af/at, PoE++, IEEE802.3bt standard. such as wireless APs, IP cameras, base stations, gate ways, and other high-power Ethernet backhaul devices. Industrial design, when cover with waterproof case can be used for outdoor application. It works like a switch, the data is interoperable among LAN port, PoE port and SFP port.

Product Working Diagram

AC Power Input

Grounding

AC Power

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PoE Output

PD

SFP Data Input

Or

LAN Data Input

Switch

Specification

Standard	IEEE802.3i 10Base-T Ethernet
	IEEE802.3u 100Base-Tx Fast Ethernet
	IEEE802.3ab 1000Base-T Gigabit Ethernet
	IEEE802.3z 1000Base-X SFP+Fiber Gigabit Ethernet
	RoHS WEEE
Input & Output	Interface PoE*1 LAN*1 SFP*1 AC*1 GND*1
	Input 100-240Vac 2.0A 50/60Hz
	Power Pins 1/2/3/6(+) & 4/5/7/8(-)
	Output 55Vdc 2200mA
	Data rates LAN: 10 / 100 / 1000Mbps SFP:1G
Operating Environment	Operating Temp. 0℃ to 40℃
	Operating Humidity 20% to 80%, non-condensation
Mechanical Characteristics	Case Metal
	Color Black
	IP Rated IP20
	Dimensions 213.9mm X 134.0mm X 41.0mm
	Weight 1104g