Switch

Ethernet Cable

IP Camera with PoE

SP390I
Power over Ethernet
Injector

Power Cord

WARNING:

Connect the injector with splitter only. Connecting the injector directly to other devices may cause serious damage!

Specifications

Standards	IEEE802.3, 10BASE -T
	IEEE802.3u,100BASE-TX
	IEEE802.3ab, 1000Base-T
	IEEE802.3af, IEEE802.3at
Interface	10/100/1000 Mbps, RJ-45 x 2 (Data In x1; Data and Power Out x 1)
Pin Assignment and Polarity	1/2 (+), 3/6(-)
Output Power Voltage	DC 54V, Max 720ma
User Port Power	30 Watts
Connectors	Shielded RJ-45, EIA 568A and 568B
Operating Temperature	-10° - 45°C
Storage	-20° - 70°C
Dimension	145 x 60 x 42 mm (W x L x H)
Weight (g)	0.350kg
Power Supply	Input: 100-240V, 50/60Hz
	Output: 54VDC, 30Watts
Emission	FCC Class B,CE

CE Mark Warning

This equipment complies with the requirements relating to electromagnetic compatibility, EN 55022 class B for ITE, the essential protection requirement of Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

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Communicate via *Micro network*

Micronet®
Making Communication Easier

Quick Installation Guide

Power over Ethernet Injector

Model No.: SP390I

Key Features

· Up to 30W of power on 2-pairs

· IEEE 802.3at compliant with 2-event classification

· IEEE 802.3af backward compatible

· Compatible with all IEEE 802.3af or legacy

· Safe and reliable power to any PoE powered devices, i.e. WiFi AP & IP camera

· Automatic detection and protection of non-standard Ethernet Terminals

· Supports 10/100/1000Base-T applications

Introduction

Micronet SP390I is a single port, high-power solution for remote powering of current and emerging high power applications. Generating up to 30W, SP390I enables remote power for a new range of applications including 802.11 Access Points, pan-tilt-zoom (PTZ) cameras and video-phones. It complies to IEEE 802.3at PoE standard and is backward compatible to IEEE802.3af. It can power both existing 10/100Base-T network devices and emerging wireless 1000Base-T devices such as IP camera and wireless IEEE 802.11n access points.

Package Contents

Before you start installing the device, verify the following items are in the package:

· SP390I Injector
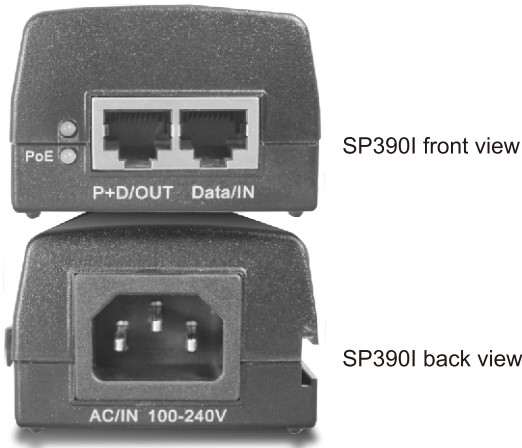
· Quick Installation Guide

· Power Cord

Installation

To install the SP390BI injector, please follow below steps.

1. Use RJ-45 cable from the Data/IN port on the Power over Ethernet Injector to the Switch/HUB.

2. Use RJ-45 cable from the P+D/OUT port on the Power over Ethernet Injector to the PoE Splitter, PD (Such as WLAN Access Point…etc.).

3. Plug in the power cord of the Power over Ethernet Injector to the appropriate power source.

4. Before starting, make sure all connections are correct.

Physical Description

SP390I front view

SP390I back view

· **DATA/IN port:** Connect to switch/hub for data input.

· **P+D/OUT port:** It is a RJ-45 Ethernet port and has a fix RJ-45 cable for data and power output.

· **AC/IN 100-240V:** The POWER IN port is for supporting the power into injector.