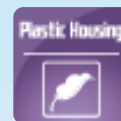
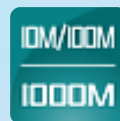


IEEE 802.3at Gigabit Power over Ethernet Plus *Splitter*

POE-161S
POE-162S



Presentation Outlines

- ◆ Product Positioning
- ◆ Product Overview
- ◆ Product Benefits
- ◆ Product Features
- ◆ Applications
- ◆ Comparison
- ◆ Appendix



Product Positioning



PLANET PoE Splitter Family

**IEEE 802.3bt PoE
(Up to 60 watts)**



POE-171S (10/100/1000)
 - Ultra Power over Ethernet Splitter
 - 12V/19V/24V DC Output



IPOE-171S (10/100/1000)
 - Industrial Ultra Power over Ethernet Splitter
 - 12V/24V DC Output

**IEEE 802.3at PoE+
(Up to 36 watts)**



POE-161S/POE-162S (10/100/1000)
 - IEEE 802.3at Gigabit Power over Ethernet Splitter
 - POE-161S: 5V/4.5A, 12V/2A DC Output
 - POE-162S: 12V/2A, 24V/1A DC Output



IPOE-162S (10/100/1000)
 - Industrial IEEE 802.3at Power over Ethernet Splitter
 - 12V/24V DC Output

**IEEE 802.3af PoE
(Up to 15.4 watts)**



POE-152S (10/100/1000)
 - IEEE 802.3af Power over Ethernet Splitter
 - 5V/2A, 12V/1A DC Output



POE-165S (10/100/1000)
 - IEEE 802.3af/at to passive PoE Power Converter
 - 12V/19V/24V DC Output

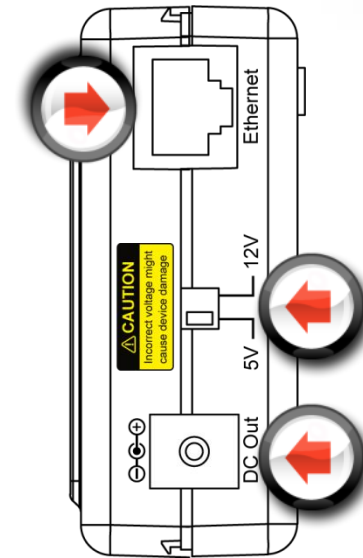
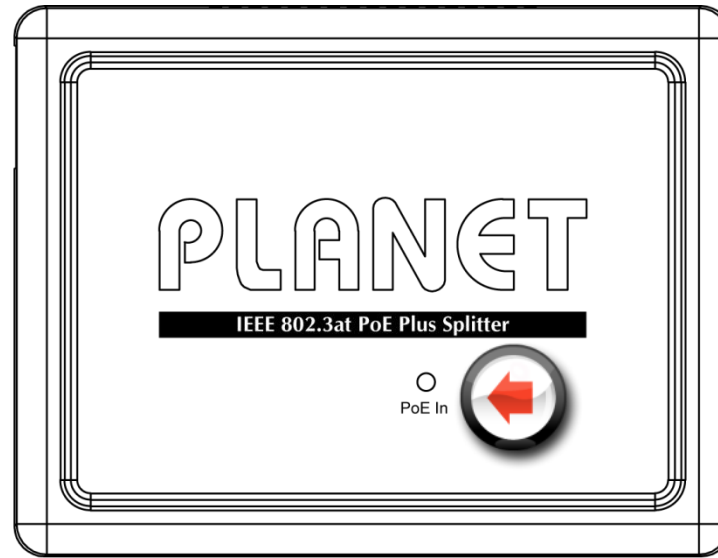
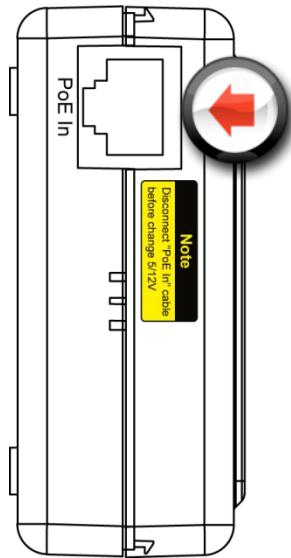
Passive PoE

0-50 degrees Operating Temperature -40-75 degrees Operating Temperature

Product Overview



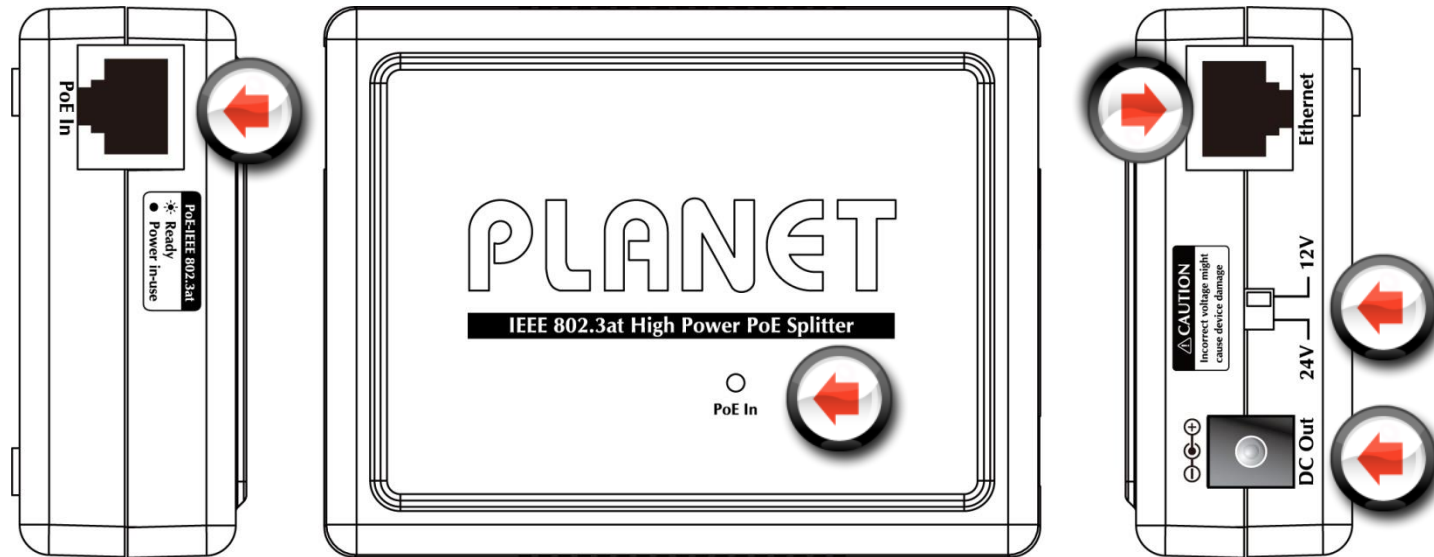
Product Overview



◆ Outlook of POE-161S

- ✓ RJ45 port for the **Data + PoE Power Input**
- ✓ LED Indication for the **PoE Power Input**
- ✓ RJ45 port for the **Ethernet Data Output**
- ✓ DIP switch for the **DC 5V/12V Output Selection**
- ✓ DC Output Socket for the **DC 5V/12V Output**

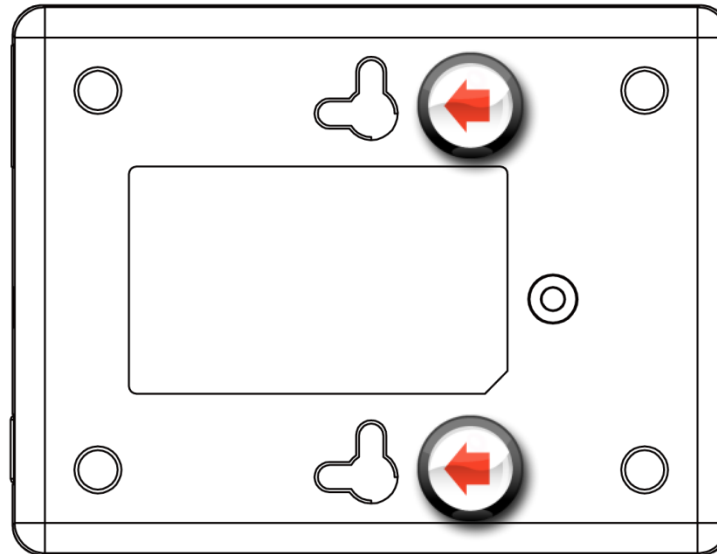
Product Overview



◆ Outlook of POE-162S

- ✓ RJ45 port for the **Data + PoE Power Input**
- ✓ LED Indication for the **PoE Power Input**
- ✓ RJ45 port for the **Ethernet Data Output**
- ✓ DIP switch for the **DC 12V/24V Output Selection**
- ✓ DC Output Socket for the **DC 12V/24V Output**

Product Overview



- ◆ **Bottom view of POE-161S/POE-162S**
 - ✓ Two holes for the **Wall-mount application**

Product Benefits



Product Benefits

◆ As required by customers

Economical
IEEE 802.3at PoE
Power Input Sol



Conversion Bridge
between
**IEEE 802.3at PoE and
Non-PoE** Products

DIP Switch for
5V/12V (POE-161S) &
12V/24V (POE-162S)
DC Power Output

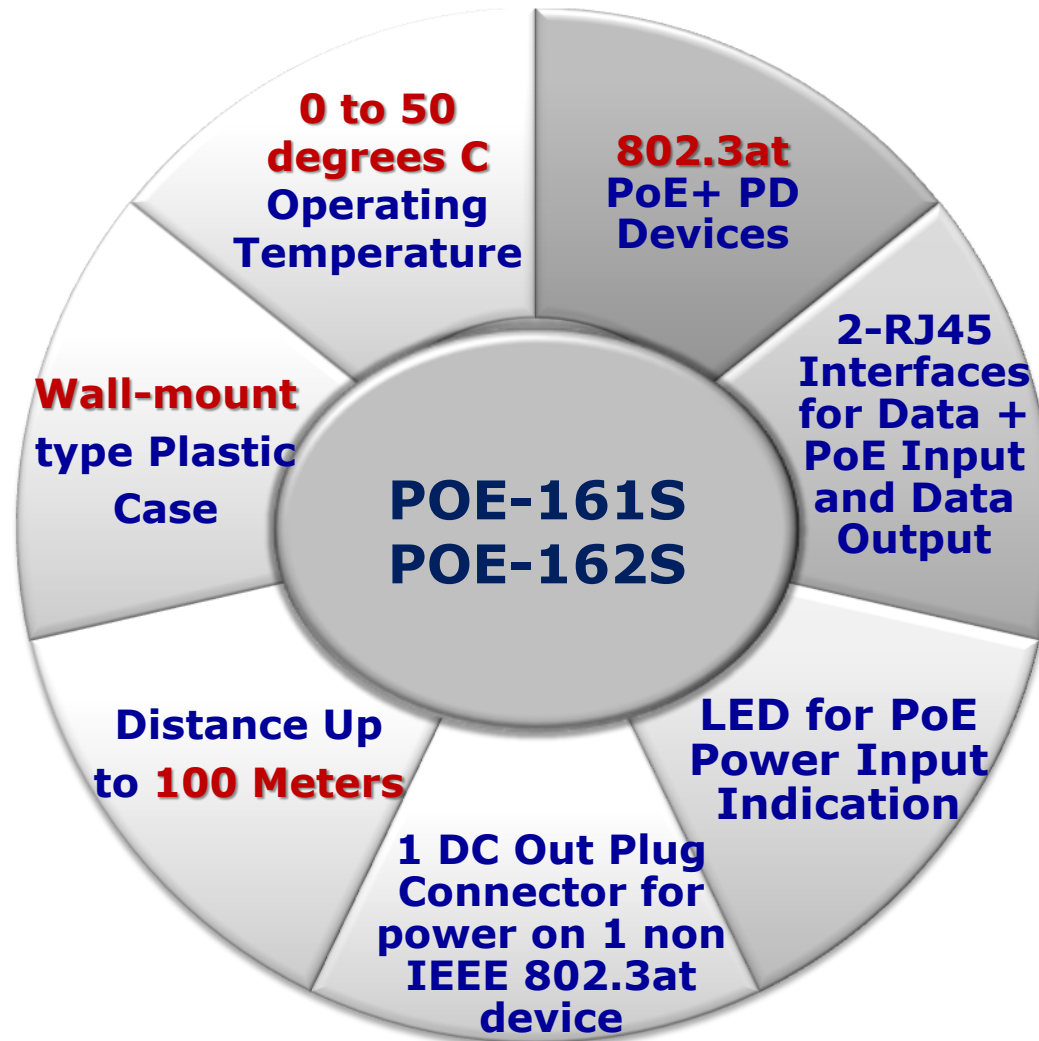
POE-161S/POE-162S Easy Installation

Plug and Play
Cost Effectiveness

Product Features



Product Key Features





Product Features

◆ Hardware

- ✓ **2 10/100/1000BASE-T** RJ45 Interfaces
 - **1**-port PoE Power + Data input.
 - **1**-port Data Output.
- ✓ **1 DC Out Plug Connector**
- ✓ **DIP switch** for adjustable two different output voltage options to fit various devices
- ✓ **LED Indicators** for IEEE 802.3at/af PoE Power Input Indication
- ✓ **Wall-mount type** plastic case
- ✓ FCC Part 15 Class A, CE
- ✓ **IEEE 802.3/802.3u/802.3ab** Gigabit Ethernet standard

Product Features

◆ PoE

- ✓ Complies with **IEEE 802.3at Power over Ethernet Plus PD**
- ✓ Splits the 52~56V DC power over RJ45 Ethernet cable into various DC output
 - **5V/4.5A, 12V/2A DC Power Output-POE-161S**
 - **12V/2A, 24V/1A DC Power Output-POE-162S**
- ✓ Up to **1** non-IEEE 802.3at device powered
- ✓ Auto detects IEEE 802.3at PoE compliant equipment, protects devices from being damaged by incorrect installation
- ✓ Distance up to **100 meters**
- ✓ **IEEE 802.3af** PoE Injector devices compatible

Applications

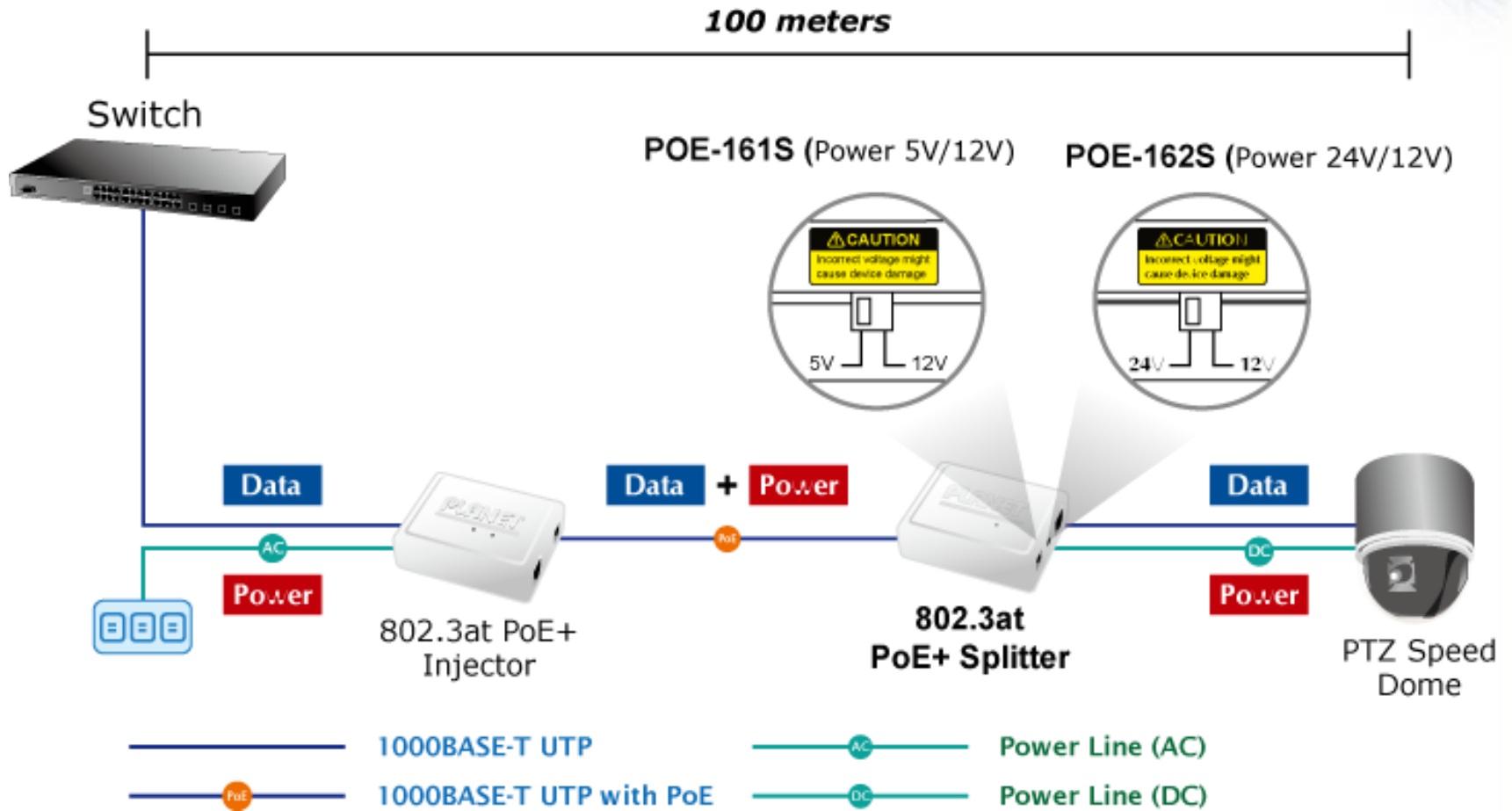


Applications

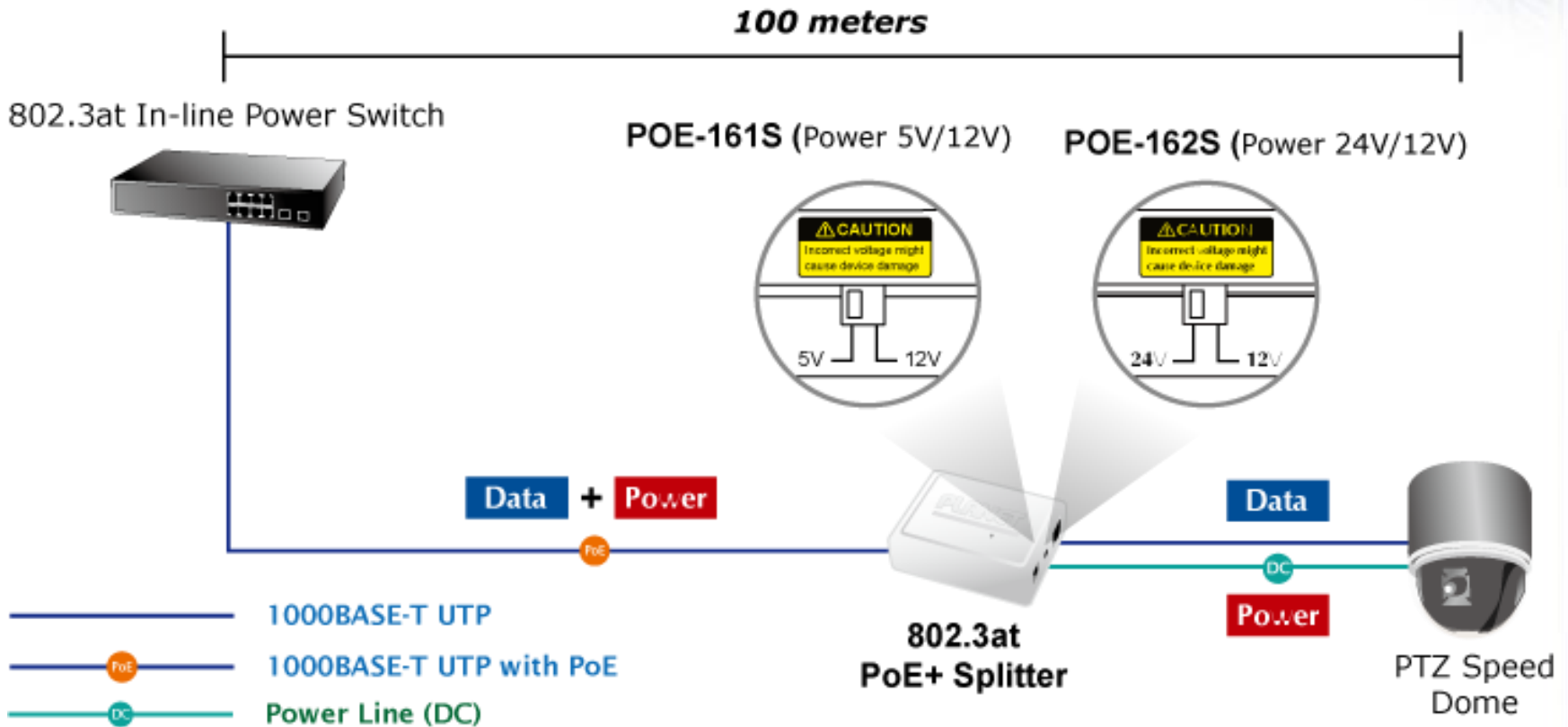
◆ IEEE 802.3at PoE Plus Injector Devices and Splitter Installation

- ✓ Due to the capability of **IEEE 802.3at PoE Plus** standard, the POE-161S/POE-162S only can be powered by the IEEE 802.3at Power over Ethernet Plus injector devices like the POE-161/POE-163/POE-164, IEEE 802.3at Power over Ethernet Plus Switch/Media Converter and transform non-PoE equipment to IEEE 802.3at PoE application.
- ✓ For a place which is hard to find the power inlet, the IEEE 802.3at Power over Ethernet Plus injector devices and the POE-161S/POE-162S operate as a pair to provide the easiest way to power your Ethernet devices that need high power input, such as PTZ (Pan, Tilt & Zoom) network cameras, PTZ speed dome cameras, color touch-screen Voice over IP (VoIP) telephones, and multi-channel wireless LAN access points which are installed on the top of the building or used in enterprise office or home.

Applications



Applications



Comparison



Comparison



PLANET POE-161S



PLANET POE-162S

Brand & Model	PLANET POE-161S	PLANET POE-162S
RJ45Port	Two, Data & PoE Input and Data Output	Two, Data & PoE Input and Data Output
DC Out Plug Connector	1	1
LED Indicator	System: PoE in Use x 1 (Green)	System: PoE in Use x 1 (Green)
Data Rate	10/100/1000Mbps	10/100/1000Mbps
DIP Switch	5V/12V	12V/24V

Appendix



Appendix Sales Target

◆ Target Markets

- ✓ IE 4.0
- ✓ Factory
- ✓ Hospital
- ✓ Bank
- ✓ Service Provider
- ✓ System Integrator



◆ Recommended Solutions

If you already have PLANET Power over Ethernet solutions, you will just need:

- ✓ **To integrate IEEE 802.3at/af PoE solution and non-PoE devices in one environment to save the power usage and budget.**





ACTIVATING IP POWER