

RAYON's PoE product line

1. How to help current device without PoE feature to use PoE capability?

SP1301 and SP2401 splitter can use your PoE RJ45 cable in to generate 12.5VDC power source for your current device. SP1301 can offer 13W power capacity (IEEE802.3af Class 0 interface). SP2401 can offer 24W power capacity (IEEE802.3at Class 4 interface). SP1301 and SP2401 support passive GBit and accept "Power over Spare lines" and "Power over Data lines" architecture.

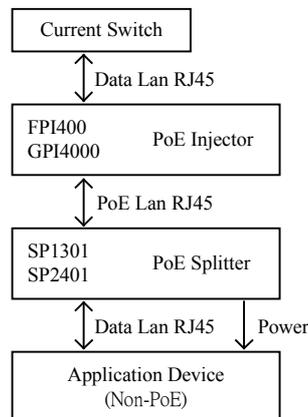
2. How to help new design in device to support PoE feature?

PD1301 and PD2401 power device module is compact PCB size (2.54*7.4cm) to integrate in your device. PD1301 can offer 13W power capacity (IEEE802.3af Class 0 interface). PD2401 can offer 24W power capacity (IEEE802.3at Class 4 interface).

3. How to help current Non-PoE network environment to support PoE feature?

For any RJ45 network connection we can connect to power injector to be PoE ready connection. FPI400, FPI401, GPI4000 and GPI4001 power injector can support four PoE port. In 10/100Mbps environment we will use "Power over spare lines" mode in PoE power supply. FPI400 and FPI401 will be used in 10/100Mbps environment. FPI400 box is built in power supply unit and accept standard 90--264VAC input. FPI401 will use external 48VDC input. In 10/100/1000Mbps environment we will use "Power over data lines" mode. GPI4000 and GPI4001 will be used in 10/100/1000Mbps environment. GPI4000 box is built in power supply unit and accept standard 90--264VAC input. GPI4001 box will use external 48VDC input.

Fig.1:Add PoE feature to Current Network Structure



4. How to implement PoE network environment in new application proposal?

GPS8075 and GPS8180 PoE switch can support 8 RJ45 10/100/1000Mbps and 1 SFP connection. In the first two RJ45 connection we can support upto 25W PoE capacity. In the other six RJ45 connection we can support upto 20W PoE capacity. For cost consideration GPS8075 can support 75W PoE budget and dynamic power management feature to meet each PoE connection power capacity. For power user GPS8180 can support 180W PoE budget to meet all PoE connection power capacity.

Fig.2:Integrate New PoE Network Structure

