APTEK GE122A is a PoE (Power over Ethernet) Splitter – Used to split PoE signals into the separate network (Gigabit) and power (12VDC – 2A) signals, allowing you to connect and power the devices doesn't have PoE support by PoE switch, PoE adapter or PoE Injector.

- Support 10/100/1000Mbps
- Support IEEE 802.3af/at
- Support Passive 48V PoE devices
- Lightening protection for data and power
- Input: DC 44V-57V
- Output: (DC 12V 2A) 15.4W/24W
- Type: Isolated (*)
- Short circuit protection

(*) Isolate PoE Splitter is the splitter where the DC power after conversion is isolated with the PoE power, it is different from the non-isolate PoE Splitter. This will make the power became safer and more stable.

Application

- Wireless Access Point
- IP Camera
- IP Phone
- Computer Networks

Specifications

Product Name	APTEK GE122A
PoE Protocol	IEEE 802.3af, IEEE 802.3at
Interface	Input: • 1*10/100/1000Mbps PoE RJ45 port Output: • Data：1*10/100/1000Mbps RJ45 jack • Power: 1*12V DC 2A Jack (size 5.5*2.1mm)
Function	Cooperate with the PD equipment which support IEEE 802.3af/at standard Transmission Distance at Max.100m Plug and play, no need to manage
LED Indicator	PoE power working status
Input Voltage	DC 44V-57V
Output Power	≤24W (Depends on the PoE source)
Using Environment	Working Temperature: -10℃~50℃ Storage Temperature: -40℃~70℃ Working humidity: 10%~90% Storage humidity: 5%~90%
PoE type	End-span
PoE Pin	Both 1/2+, 3/6- and 4/5+, 7/8-
Size	206×42×50mm
Weight	0.05kg

Working Diagrams

PoE Switch

APTEK
Switch PoE SG1041P
4 Port PoE Gigabit - 1 Port Gigabit Uplink

12V/2A

Data

PoE Splitter

48V + Data