IP CABLING TRANSMISSION –
Ultra High Power 90W POE Injector/60W POE Splitter
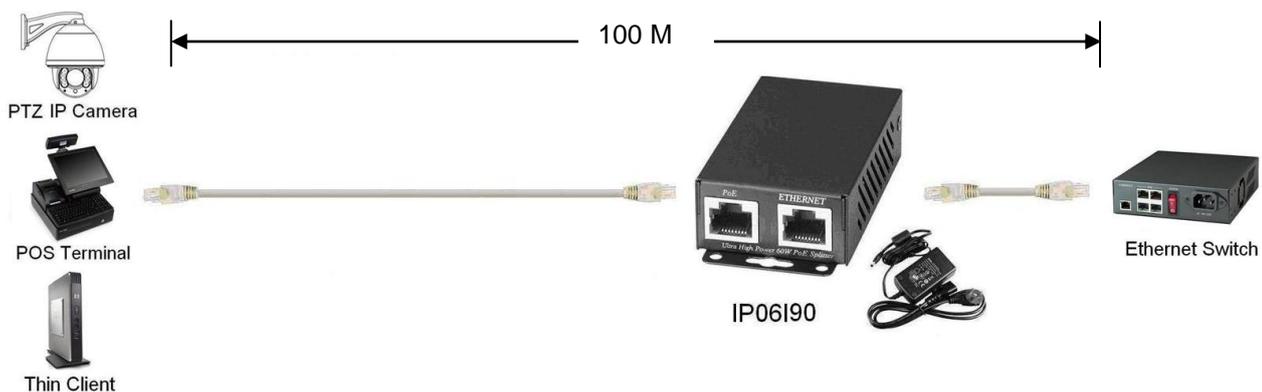
ITEM NO.: IP06I90   Ultra High Power 90W POE Injector

IP06S60   Ultra High Power 60W POE Splitter

This IP06I90/IP06S60 are ultra high power POE 90W injector and full 60W POE splitter solution to send data and power over original Ethernet network but eliminates the need of power cable and converter.   This adds POE functionality to non-POE devices whose power consumption is up to full 60W.   It is perfect for network devices need higher power, such as IP PTZ speed dome camera, outdoor access points , touch PC, remote digital signage display…etc.

IP06I90   Ultra High Power 90W POE Injector
- Provides power up to 90W over RJ45 Ethernet cable to device with Ethernet port.
- **External power supply :   DC56V 1.26Amp (Model no:SWP551260)**
- Support 10/100/1000 BASE-T transmission rate.
- Compatible with IEEE802.3af, IEEE802.3at,PoE+, LTPoE++
- Built in overload and overheat protection.
- Work with IP06S60 POE splitter, distance up to 100 meters (Max)
- LED indication for display of power and POE in use status.
- Perfect for outdoor POE camera or long distance application.
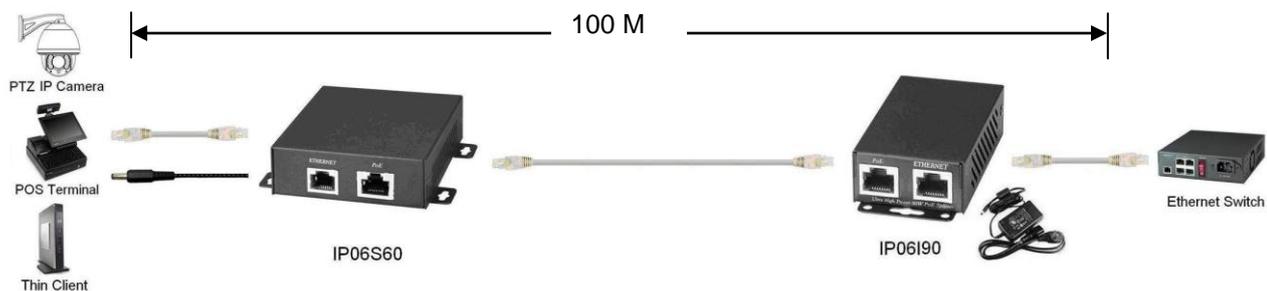- Optional model: IP04X90 POE repeater to extender longer distance.

IP06S60-12 Ultra High Power 60W POE Splitter 12V output
- Splits the higher power over RJ45 Ethernet cable into DC 12V output.
- Support POE power up to DC12 5A (60W) output.
- Compatible with IEEE802.3af, IEEE802.3at,PoE+, LTPoE++
- Built in overload and overheat protection.
- Power input LED indication.
- Support 10/100/1000 BASE-T transmission rate.
- Work with IP06I90 POE injector, distance up to 100 meters (Max)
- Optional model IP04X90 to extender longer distance.
- Compact metal case for easier installation.
- Perfect for outdoor PTZ IP camera or long distance application.

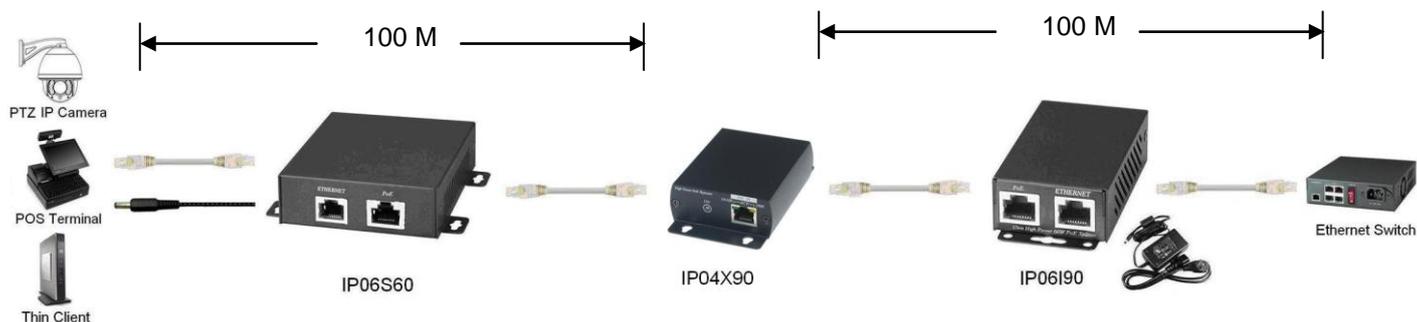## IP06S60-24 Ultra High Power 60W POE Splitter 24V output

- Identical to above IP06S60-12, but power output DC24V 2.5Amp(60W).
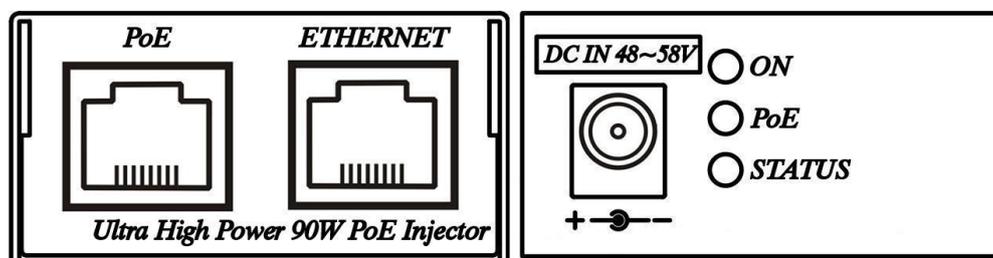

Optional Model:
IP04X90   Ultra High Power 90W POE Repeater

- Extend of both power and data beyond 100 meters.
- Allow to use multiple repeaters for longer range.
- No external power required.
- Compatible with IEEE802.3af, IEEE802.3at,PoE+, LTPoE++
- Auto-sensing for detecting PoE or non-PoE devices.
- Support 10/100/1000 BASE-T transmission rate.
- Built in LED status indication.
- Perfect for long range outdoor POE camera use.
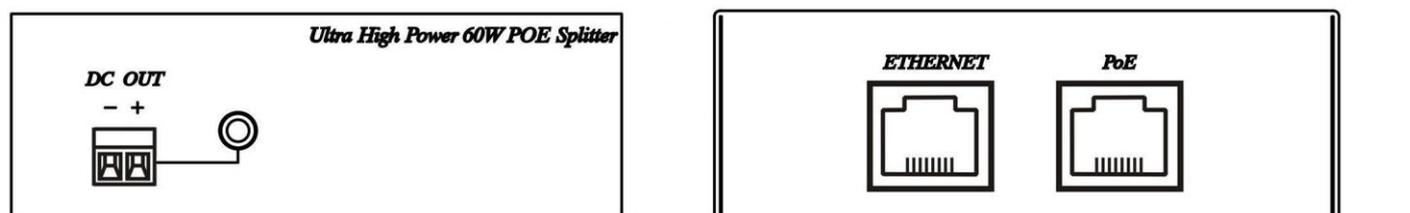- Plug and play for easy installation.

Panel View:

IP06I90

IP06S60

Recommend cable：

1. Link cable recommend use high quality Cat.5e、Cat.6、Cat.6a cable and RJ45 connector.
2. Poor quality cable or network RJ45 connection or improper construction will cause unstable link connection.
3. Recommend to use high quality power cable for DC power output to make sure good quality power connection.

LED Indciation：

IP06I90
Green:　Power on/off
Blue: PoE link
Red: Abnormal status

※LED Indication Status Chart:

Item/Color	Green	Blue	Red	Instruction
Power normal	On			Power input normal
PoE Link		On		PoE Equipment link normal
PoE Abnormal		Flash		Non- PoE equipment, or PoE link abnormal
Output over load			On	PoE overload warning
Overload Protection			Flash	PoE overload protection
Overheat Protection	Flash		Flash	System overheat
Voltage too low	Flash	Flash		Input voltage too low
System Damaged	Flash	Flash	Flash	System damaged

※If Overload over 3 seconds, the overload protection will be activated and turn off POE power. After 10 seconds, the POE power supply will be auto restart,
※Under overheating mode, the POE power will be auto turn off, after 30 seconds the POE power supply will be auto restart.

IP06S60 LED Indication:
　Green:　Power on/off

RJ-45 Connector：

IP06I90 Interface
　　ETHERNET: use CAT5e/6 to connect PC or Switch devices
　　PoE　　: 　use CAT5e/6 cable to provide IP06S60 power with max distance 100M

IP06S60 Interface
　　ETHERNET: use CAT5e/6 cable to connect IP Camera/Network devices
　　PoE　　: 　use CAT5e/6 work with IP06I90 to receive power with max distance 100M

DC JACK Connector :

IP06I90　DC JACK:　External Power Supply input DC48V ~ 56V (90W Max)
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TERMINAL Connector:

IP06S60-12 Green Terminal: Power output: DC12V /5A with max power 60W.
IP06S60-24 Green Terminal: Power output: DC24V /2.5A with max power 60W.

Caution:

Recommend IP06I90 and IP06S60-12/24 install at well ventilate environment.
1. IP06I90 Injector provide full 90W output with external power adapter (Model no: SWP551260 DC56V 1.26Amp 70W or others)
2. IP06I90: please make sure correct Ethernet/POE connection to avoid any damage.
3. IP06S60: with terminal connector, please make sure to use correct polarity to avoid any damage.
4. To avoid output power drop, please make sure use high quality DC power cable.

Specifications:

ITEM NO	IP06I90	IP06S60-12	IP06S60-24
PoE Interface	RJ-45		
Power Input	DC Jack, DC 48V~56V	PoE RJ45	PoE RJ45
Power Output	90W	DC 12V 5A (Max)	DC24V 2.5A(Max)
Ethernet Interface	RJ-45		
Ethernet Speed	10M / 100M / 1000 Mbps		
Transmission Range	100M		
LED Indication	Power, PoE, Status	Power	Power
Temperature	Operation: 0 to 55°C, Storage: -20 TO 85°C, Humidity: up to 95%		
Dimension mm	49 × 91.7 × 25	109.6 × 109.7 × 30	109.6 × 109.7 × 30
Weight g	135	280	280

RoHS CE FC C

Rev.A