

IP CABLING TRANSMISSION – POE Repeater

ITEM NO.: IP04X

IP04X is a High Power POE repeater to extend power and data an additional 100meters. Multiple units are allowed for longer distance, eliminating the need for additional switches, hubs and expensive fiber installations. It compliant with standard POE IEEE802.3at.

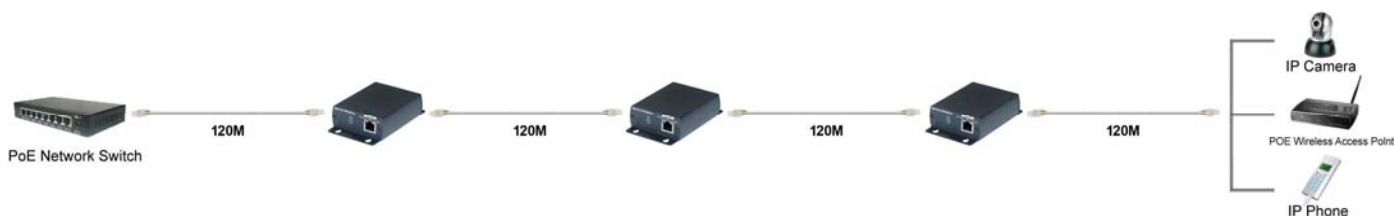
IP04X High Power POE Repeater

- Extend of both power and data beyond 100 meters.
- Allow to use multiple repeaters for longer range.
- No external power required.
- Compatible IEEE 802.3at POE standard.
- 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.

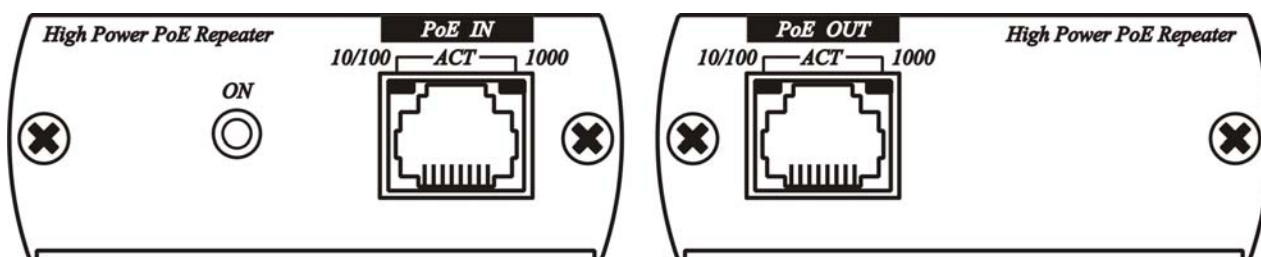
Installation View:

IP04X itself provide data and power 120 meters , the power will drop as below by multiple POE repeaters and long cable length application:

Max Device Power Range with PoE switch	1st IP04X Max. 18.84W @ 240M	2nd IP04X Max. 12.18W @ 360M	3rd IP04X Max. 5.52W @ 480M
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Panel View:



Linking Cable :

Use CAT.5e UTP/STP or CAT.6 UTP cable

LED Indication :

LED (Green)	ON	PSE send power
	OFF	PSE non-power
RJ45 (Yellow)	ON	1000 Mbps link
	OFF	1000 Mbps unlink
	FLASH	Activity
RJ45 (Green)	ON	10/100 Mbps link
	OFF	10/100 Mbps unlink
	FLASH	Activity

Specification:

ITEM NO.	IP04X
Power & Data Input/Output	RJ45
Data Link	Pin 1/2 , 3/6 , 4/5 , 7/8
Power Link	Pin 1/2 (+) , 3/6 (-) End-Span
Transmission Range	3 pieces repeater up to 480 Meters
LED Indication	Power: Green, Data link: Yellow/Green
POE	IEEE 802.3af Standard, 48V , 12.95W
Power Consumption	Non-load 1.62W (30mA) , 1.89W (35mA) @ 10Mbps , 2.16W (40mA) @ 100/1000Mbps
Temperature	Operation: 0 to 55°C, Storage: -20 TO 85°C, Humidity: up to 95%
Dimensions	mm 67×110×27 mm
Weight	g 180g



Rev.A

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