



IP/ PoE Repeater

# User Manual

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Model : IP04

15W PoE Repeater



## Introduction

IP04 is a PoE (Power over Ethernet) repeater that can extend TCP/IP signal and power for an additional 120M with max range up to 300 meters by chaining multiple IP04..

## Features

- Sends PoE signal over a cost-effective CAT5e cable.
- Signal extension up to 120M over CAT5e (or greater) cable.
- Bandwidth up to 1000Mbps.
- Provides power up to 15W.

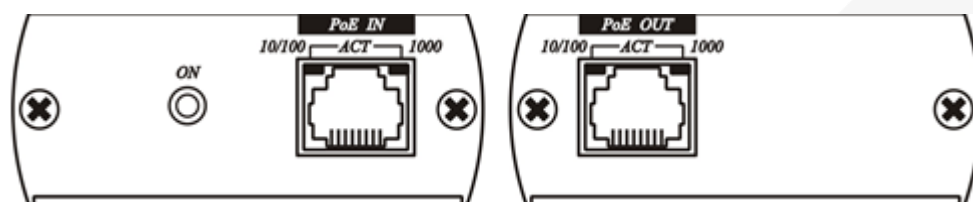
## Installation view

IP04 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	1 <sup>st</sup> IP04 Max.	2 <sup>nd</sup> IP04 Max.
		8.58W at 240M



## 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.	IP04
Support	
Compliance	IEEE 802.3af
Transmission Distance	120M
Network Bandwidth	10/ 100/ 1000Mbps
Ports & Interfaces	
Input	1 x RJ45
Output	1 x RJ45
Power	
Power Supply	IEEE 802.3af (48V, 12.95W)
Power Consumption	1.92W 40mA (Max)
Ambient Temperature	
Operation	0 to 55°C
Storage	-20 to 85°C
Humidity	Up to 95%
Physical Characteristics	
Dimensions	67 x 110 x 27mm
Weight	180g