speco technologies®

IP Repeater

User Manual

Model: **IPRPT**

Gigabit Ethernet Repeater

Introduction

IPRPT is a compact Ethernet repeater that can use cost-effective CAT5e (or greater) cable to extend an IP signal for an extra 393' (120M), with bandwidth up to 1000Mbps. Additionally, IPRPT is chainable. You can get an additional 393' (120M) transmission distance for each IPRPT added.

Features

- Ethernet signal extension up to 393' (120M) over CAT5e cable.
- Bandwidth up to 1000Mbps.
- Chainable with multiple IPRPT for longer distances. (Up to 3, with a loss of bandwidth)
- Built-in 8kV (Contact) 15kV (Air) surge protection.
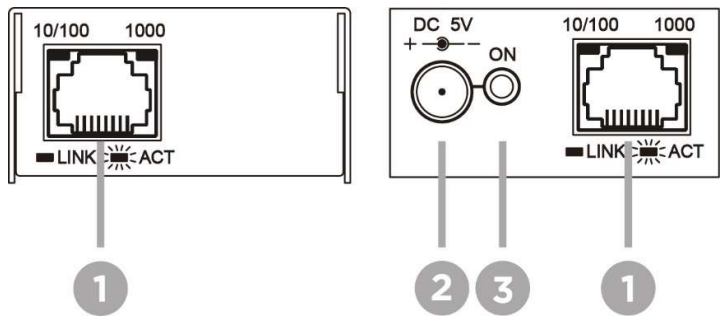
Installation view

Point to point IP extension
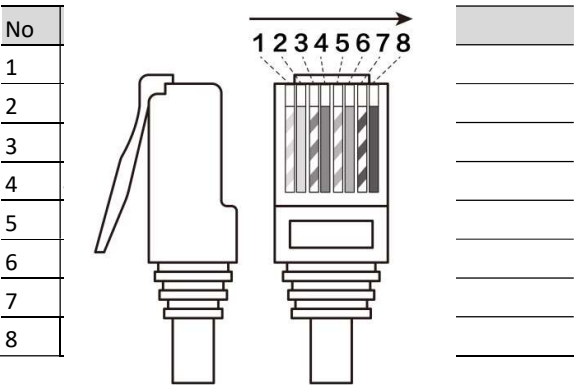

Chainable IP extension

Panel View

No.	Interface	Function
1	RJ45 Connector	To connect with networking devices
2	Power Jack	To connect with DC5V 500mA power adapter
3	Power LED Indication	To indicate the power status

RJ45 Pinout

No		
1		
2		
3		
4		
5		
6		
7		
8		

LED Indication

Mode	Color	Blink
LINE 10/100	Green ON	Data transferring
LINK 1000	Orange ON	Data transferring

Caution

- Either RJ45 connector on either side can be used as an input or an output.

- We highly recommend using high-quality CAT5e UTP/STP or CAT6 UTP cables.

- Bad quality cables and improper connection may result in unstable signal transmission.

- If there is signal interference, we suggest using STP or FTP Ethernet cables.

Package Includes

No	Item	Quantity
1	IPRPT	x 1
2	DC5 V 500mA Power Adapter	x 1
3	Screw set	x 2

Specification

ITEM NO.	IPRPT
Support	
Network Bandwidth	10/ 100/ 1000Mbps (Auto-detection)
Transmission Distance	393' (120M)
Ports & Interfaces	
Input	1 x RJ45
Output	1 x RJ45
Power Interface	1 x Ø 2.5mm DC Jack
Power	
Power Supply	DC 5V 500mA Regulated
Power Consumption	0.9W 180mA (Max)
Ambient Temperature	
Operation	32 to 149°F (0 to 65℃)
Storage	-22 to 176°F (-30 to 80℃)
Humidity	Up to 90%
Physical Characteristics	
Dimensions	1.9 x 3.6 x 1" (48.6 x 91.7 x 24.8mm)
Weight	0.28 Lbs (125g)

RoHS CE

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We reserve the right to modify product design and specifications without notice and without incurring any obligation.

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