IP/ PoE Repeater

User Manual

Model : SR01X

Gigabit Ethernet Repeater

Introduction

SR01X is a compact size Ethernet repeater that can use cost-effective CAT5e (or greater) cable to extend IP signal for an extra 120M, with bandwidth up to 1000Mbps. Additionally, SR01X can be chainable. For each SR01X added, a 120M transmission distance you can get.

Features

- Signal extension up to 120M over CAT5e cable.
- Bandwidth up to 1000Mbps.
- Chainable with multiple SR01X for longer distance.
- Built-in 8kV (Contact) 15kV (Air) surge protection.
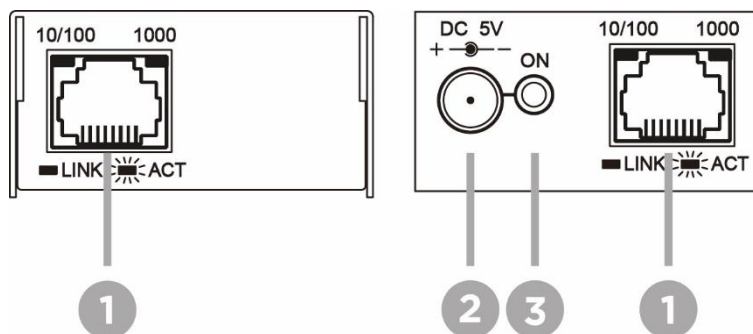
Installation view
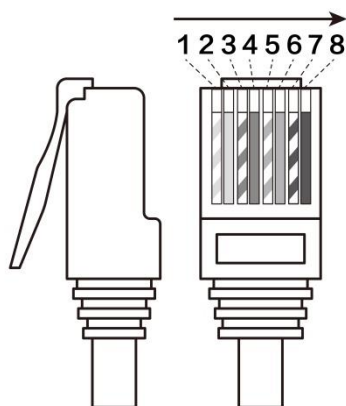
Point to point IP extension

Chainable IP extension

Panel Review

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	568B Standard	Data
1	1. Orange-white	DATA0 +
2	2. Orange	DATA0 -
3	3. Green-white	DATA1 +
4	4. Blue	DATA2 +
5	5. Blue-white	DATA2 -
6	6. Green	DATA1 -
7	7. Brown-white	DATA3 +
8	8. Brown	DATA3 -

LED Indication

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

Caution

- Either side of RJ45 connectors 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 occurred, we suggest using STP or FTP Ethernet cables.

Package Includes

No	Item	Quantity
1	SR01X	x 1
2	DC5 V 500mA Power Adapter	x 1
3	Screw set	x 2

Specification

ITEM NO.	SR01X
Support	
Network Bandwidth	10/ 100/ 1000Mbps (Auto-detection)
Transmission Distance	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	0 to 65℃
Storage	-30 to 80℃
Humidity	Up to 90%
Physical Characteristics	
Dimensions	48.6 x 91.7 x 24.8mm
Weight	125g

RoHS CE