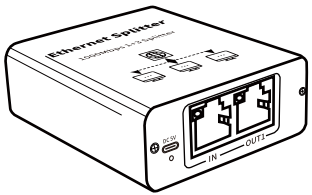
Gigabit Network Splitter

User Manual

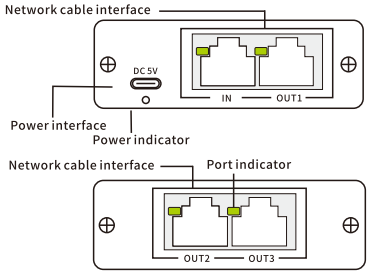
SOF Series



Features

- 1000 Mbps rate downward compatible with 100/10 Mbps.
- Comply with IEEE 802.3 Ethernet, IEEE 802.3 U Fast Ethernet, IEEE 802.3 ab protocol standards
- Flow control mode: Full duplex adopts IEEE802.3x standard, half duplex adopts Backpressure standard.
- Supports port auto-flip (Auto MDI/MDI-X).
- Adopts the switching mechanism of store-and-forward.
- All ports support wire-speed exchange and support jumbo frame transmission.
- Zero-configuration feature, automatically supplies to self-adaptive devices.
- Plug and play.

Product Dsiplay

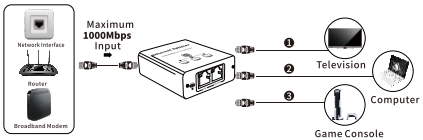


The display picture is a representative product, and the actual object may have differences, but the interpretations are the same.

Indicator Definition

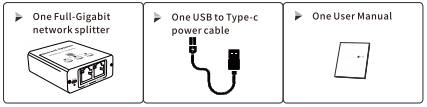
Indicator	Status	Description
Power Indicator	On	The device has been powered on
	OFF	The device is not powered on
Port Indicator	ON	The connection is normal
	Blinking	Data is being transferred

Product Application



Gigabit Network Splitter Application

Product Package List



Technical parameters

Parameter	SOF Series
Store-and-forward	Support
MAC Address	2K
Power Supply Specification	Type-C interface Input: 5V/1A
Using Environment	Operating temperature :0°C~40°C Storage temperature:-40°C~70°C
	Operating humidity:10%~90% RH non-condensing Storage humidity:5%~85% RH non-condensing
Ethernet Protocols And Standards	IEEE 802.3 Ethernet Media Access Control Protocol IEEE 802.3i 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3x Traffic control
Network Medium And Transmission Distance	1000Base-T: 4 to Cat5e or higher UTP/STP(≤100m) 100Base-TX: 2 to Cat5 or higher UTP/STP(≤100m) 10Base-TX: 2 to Cat5e or higher UTP/STP(≤250m)
Data Transmission Rate	Ethernet 10Mbps half-duplex, 20Mbps full-duplex. Fast Ethernet 100Mbps half-duplex, 200Mbps full-duplex. Gigabit Ethernet 2000Mbs full-duplex (only gigabit series)

Product parameters and appearance are subject to change without notice, please refer to the official website.

Precautions

In order to avoid equipment damage and personal injury caused by improper use, please follow the following precautions:

- This product is a network splitter device. Please first confirmwhether the front-end network input and the back-end equipment are working properly before conducting the access test.
- The splitter can work normally only under the correct power supply. Please confirm that the supply voltage is consistent with the voltage indicated by the splitter.
- To avoid the risk of electric shock, do not open the housing when the splitter is working, and do not open it by yourself even when it is not electrified.
- Before cleaning the equipment, the power plug of the equipment should be unplugged first.Do not wipe with a moist fabric and do not wash with a liquid.
- Avoid placing other heavy objects on the surface of the splitter to avoid accidents.



TY-SW-SOF-20250401