

# Model OT-PLC-TL24

## DIN-Rail Ethernet Extender

### Product Datasheet



CE FC RoHS  

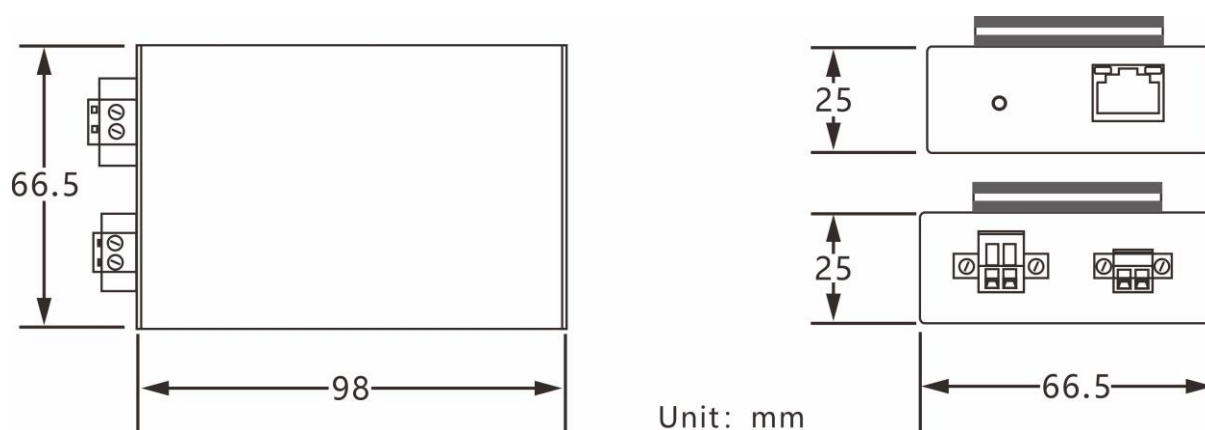
**OT-PLC-TL24** is a high-speed Ethernet Extender with Din-rail which allows 100 BaseT Ethernet to be transmitted by using single pair 2-wire copper cable for a long distance.

This device contains one Receiver unit and one Transmitter unit, and can be connected to the existing cabling infrastructure for IoT devices including IP phones, cameras, access control, speakers and etc.

## Features

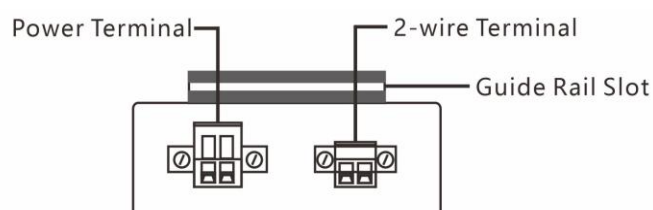
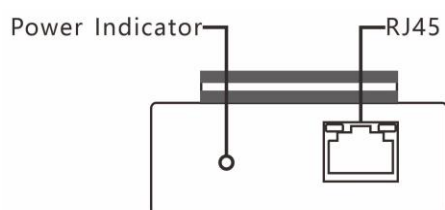
- ◆ IP over one pair 2-wire cable up to 600m
- ◆ Full duplex 100Mbps
- ◆ 35mm guide rail type installation
- ◆ Transparent transmission

## Dimension



**Note:** Dimension error value  $\pm 1$  mm

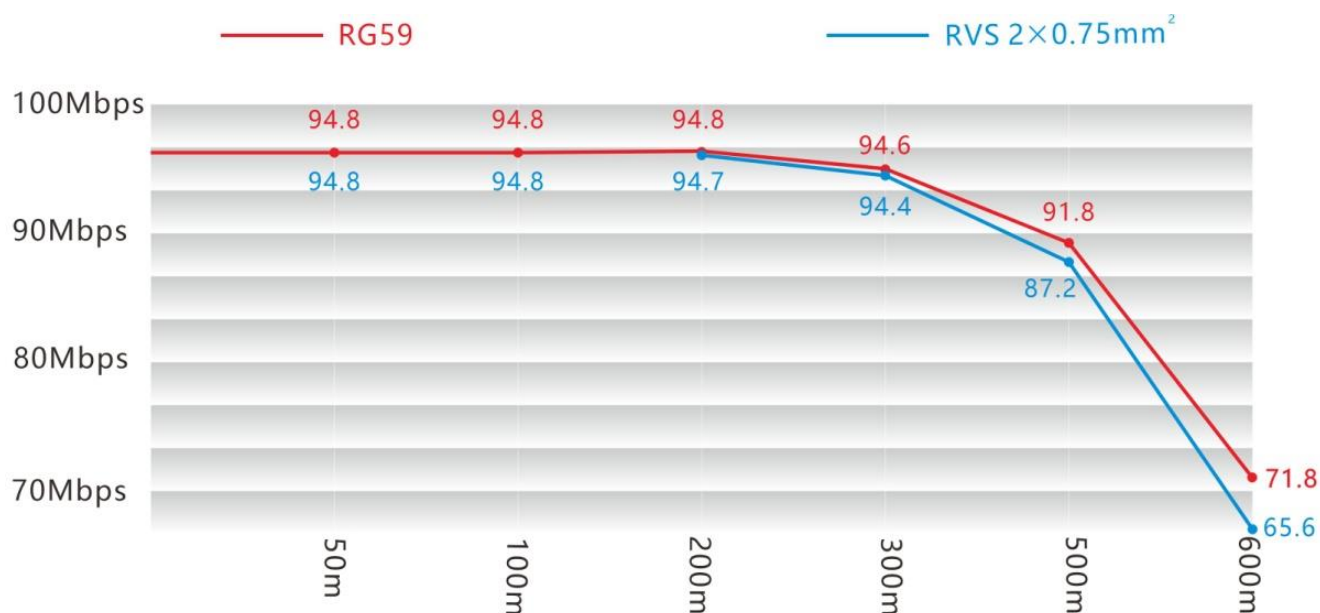
## Interface Description



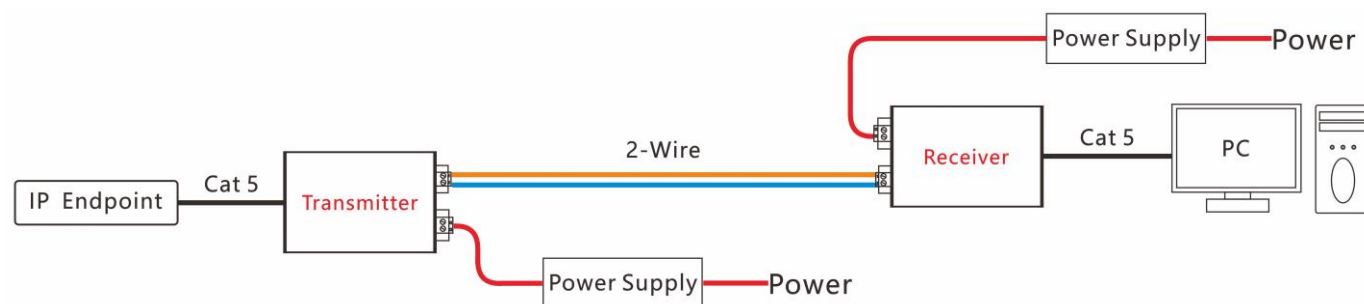
## Technical Parameter

Category		Description
Power	Available Voltage Range	12~24VDC
	Power Consumption	≤2W / PC
Transmission / Rate	Standard Compliance	IEEE1901, IEEE802.3
	Up Down Agreement	CSMA/CA
	Bandwidth	Full duplex 100Mbps
Product Physical Characteristic	Dimensions (L × W × H)	98×66.5×25mm
	Material	Aluminum Alloy
	Net Weight	185g/PC
Operating Environment	Working Temperature	-20℃~60℃
	Storage Humidity	<95% Non-condensation

## Bandwidth & Distance Chart



## Connection Diagram



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