

# Model OT-PLC-TL24

## DIN-Rail Ethernet Extender

### Product Datasheet



CE FC RoHS  

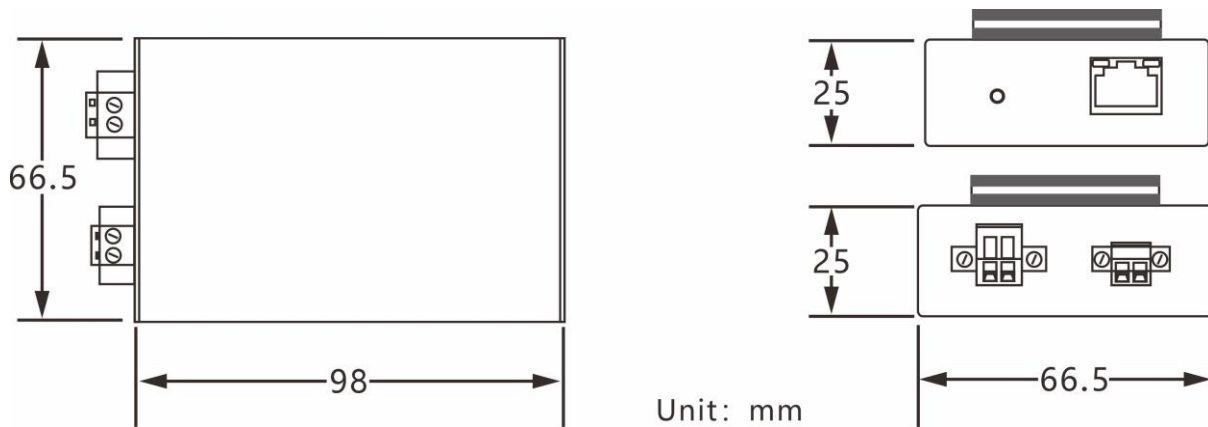
**OT-PLC-TL24** is a high-speed Ethernet Extender with Din-rail which allows 100 BaseT Ethernet to be transmitted by using single pair 2-wire copper cable for a long distance.

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

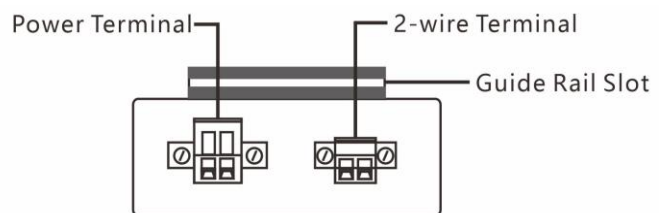
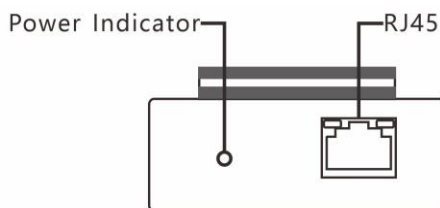
- ◆ IP over one pair 2-wire cable up to 600m
- ◆ Full duplex 100Mbps
- ◆ 35mm guide rail type installation
- ◆ Transparent transmission

## Dimension



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

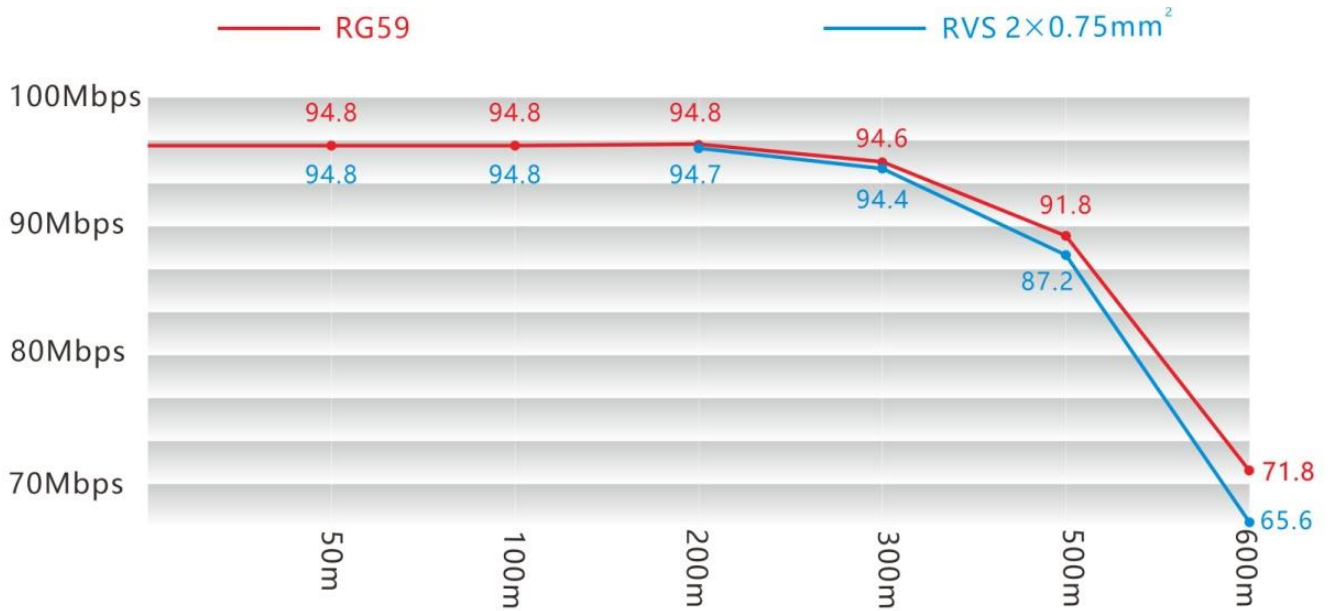
## Interface Description



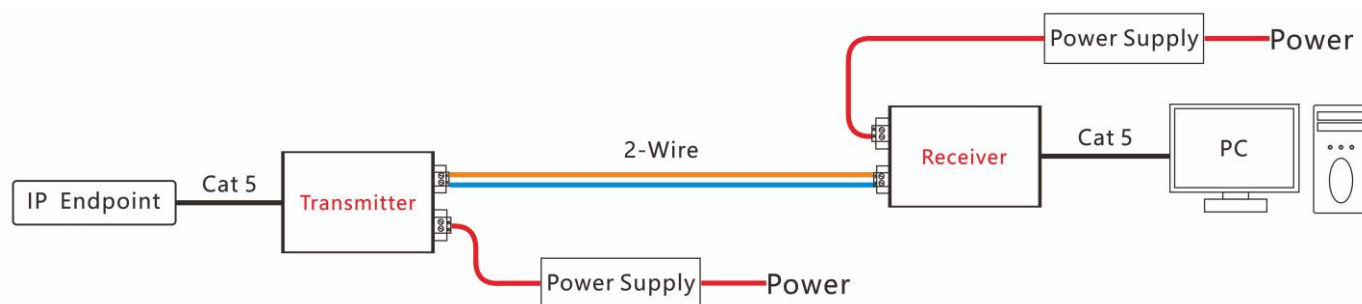
## Technical Parameter

| 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 x W x H)  | 98x66.5x25mm          |
|                                 | Material                | Aluminum              |
|                                 | Net Weight              | 170g/PC               |
| Operating Environment           | Working Temperature     | -20°C~60°C            |
|                                 | Storage Humidity        | <95% Non-condensation |

## Bandwidth & Distance Chart



## Connection Diagram



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