

***Prostal***

**Model POT-PLC604-2P/POE**

**4-Ch Ethernet Extender**

**Product Datasheet**



**CE FC RoHS**  

[www.prostal.com.tw](http://www.prostal.com.tw)

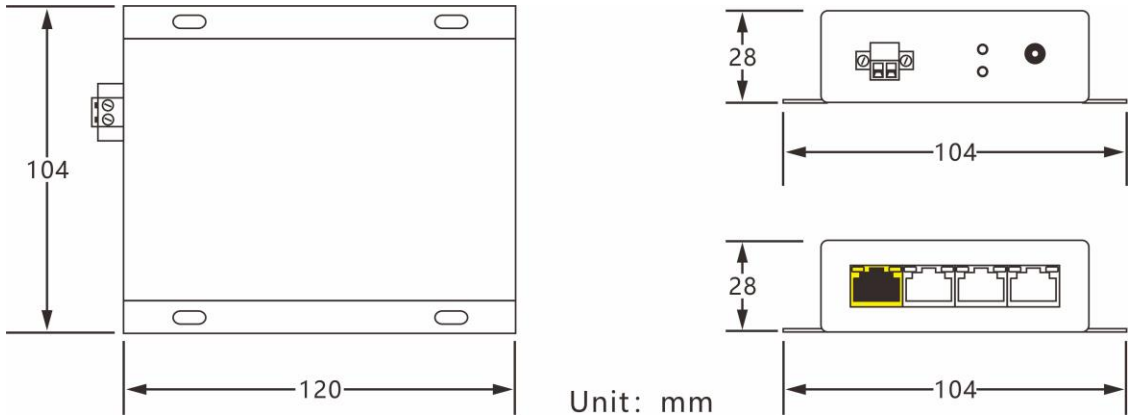
**POT-PLC604-2P/POE** is a high-speed 4-Ch Ethernet Extender. It can simultaneously transmit 4 channels Ethernet over single pair 2-wire cable for long distance.

This device needs to be used with a Receiver. It supports 1 PoE output and 3 non PoE output for different end-points. It can be connected to the existing cabling infrastructure for IoT devices including IP phones, cameras, access control, speakers and etc.

### Features

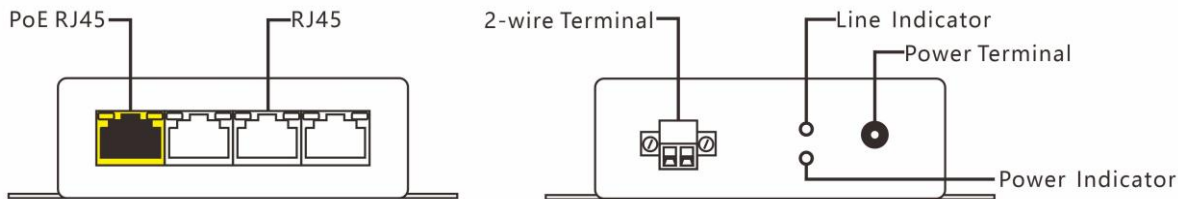
- ◆ IP over 1 pair 2-wire cable up to 600m
- ◆ Full duplex 100Mbps
- ◆ Built-in switch function
- ◆ Transparent transmission
- ◆ Support one PoE output

### Dimension



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

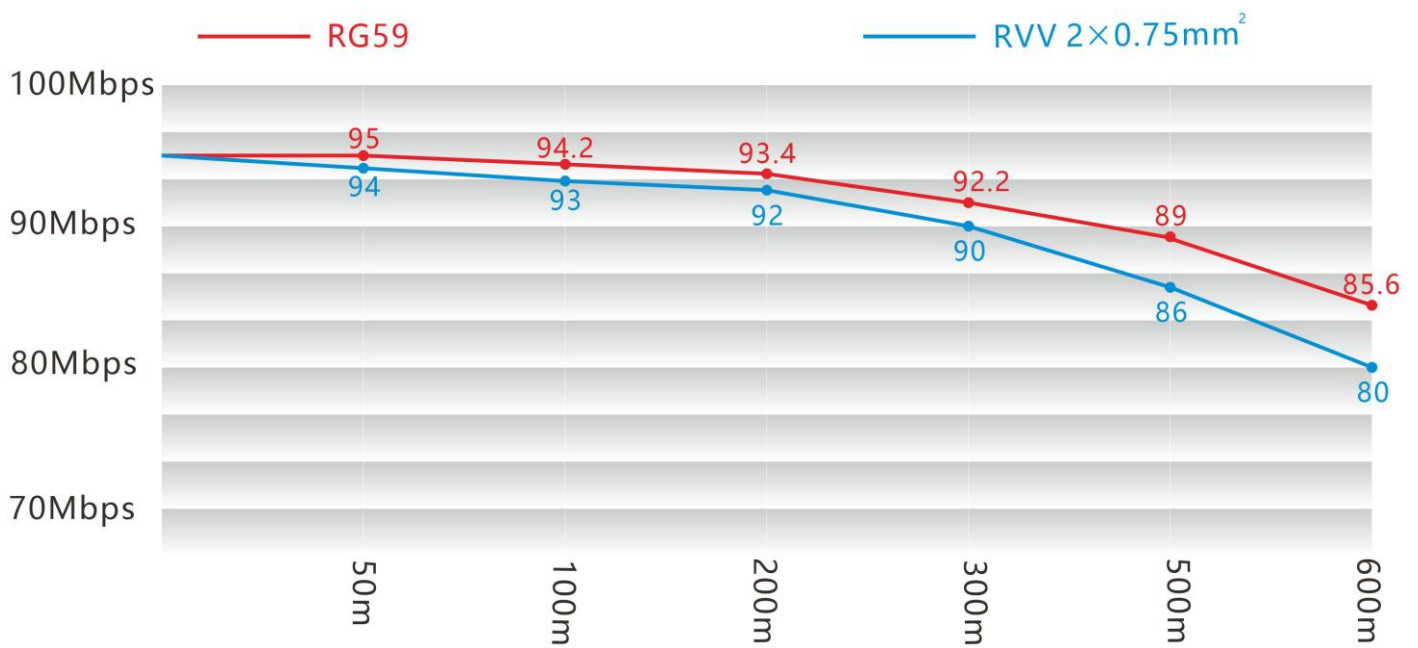
### Interface Description



## Technical Parameter

Category		Description
Power	Power Input	12VDC±10%; 2A
	Power Consumption	≤3W / PC
	Max PoE Output	8W / IEEE802.3af
Transmission / Rate	Standard Compliance	IEEE1901, IEEE802.3
	Up Down Agreement	CSMA/CA
	Bandwidth	Full duplex 100Mbps
	Encryption	128-bit AES Encryption
Physical Characteristic	Dimensions (L x W x H)	120×104×28mm
	Material	Aluminum Alloy
	Net Weight	235g/PC
Operating Environment	Working Temperature	-20°C~60°C
	Working Humidity	< 95% Non-condensation

## Bandwidth & Distance Chart



# Connection Diagram

