

Prostal

**Model POT-L-DSL
Ethernet Extender
Product Datasheet**



CE FC RoHS  

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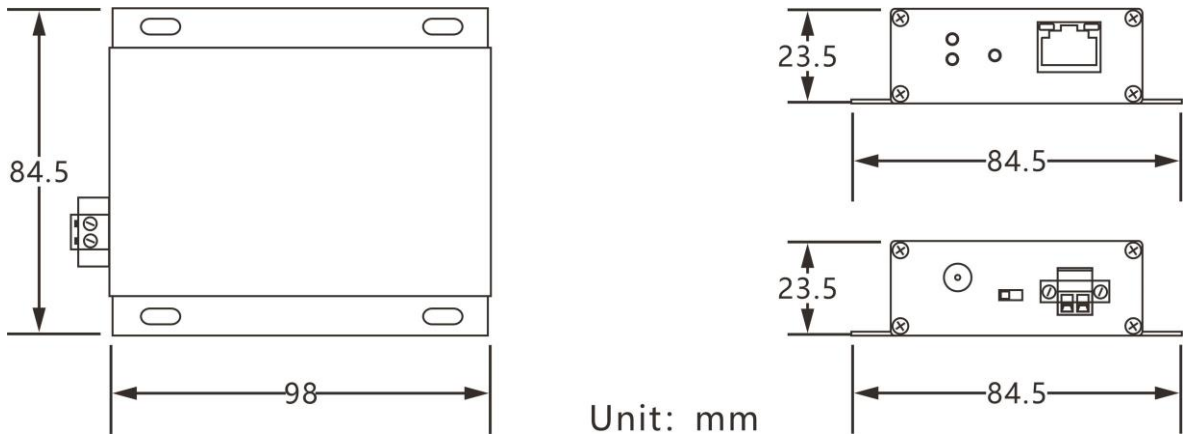
POT-L-DSL is an Ethernet Extender which consists of remote unit and local unit. It transmits network signal over any 2-wire cable such as Cat5, telephone line or coaxial cable, etc. Meanwhile, it also can transmit telephone signal when transmitting network signal (adding an additional splitter).

This device can be widely applied in network signal extending system, network security system, network information display system, network renovation and expansion systems, etc.

Features

- ◆ Max transmission distance can reach 3,000m
- ◆ Max transmission rate can reach 148Mbps
- ◆ Support audio signal transmission over cables simultaneously
- ◆ Plug and play, transparent transmission, network rate adaptive

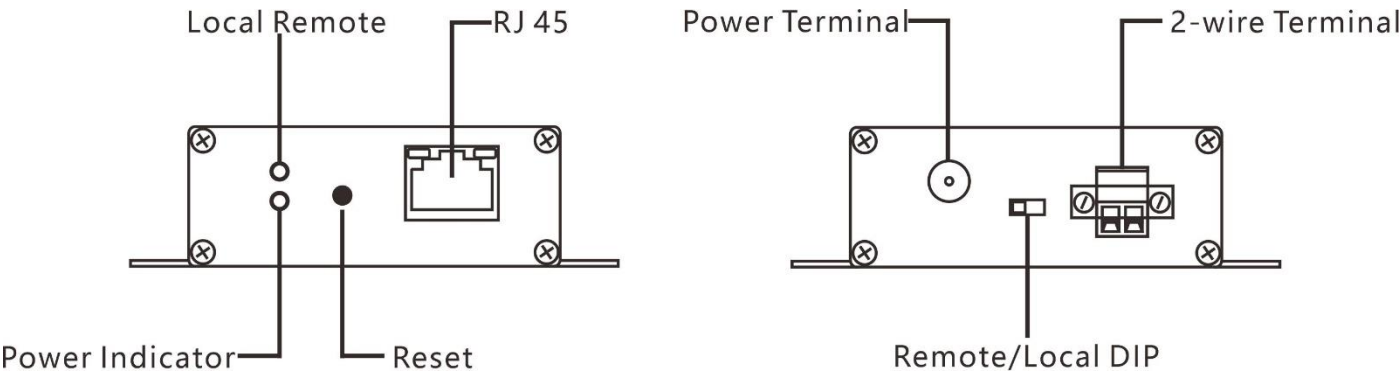
Dimension



Unit: mm

Note: Dimension error value ± 1 mm

Interface Description



Technical Parameter

Categories		Description
Power	Voltage Range	12VDC±10%
	Power Consumption	≤3W / PC
Transmission Rate	Up Link74Mbps/ Down Link 74Mbps	Max 148Mbps
Protection	Transmission Channel Lightening	4KV 10/700us, common mode lightning: Level 4
		1KV 10/700us, differential mode lightning: Level 1
		Executive Standard: IEC61000-4-5
	Product Electrostatic Protection	1b Contact Discharge: Level 2
		1b Air Discharge: Level 2
		Executive Standard: IEC61000-4-2
Physical Characteristic	Dimensions (L x W x H)	98x84.5x23.5mm
	Material	Aluminum Alloy
	Net Weight	140g/PC
Operating Environment	Working Temperature	-40°C~60°C
	Humidity	<95% (Non-condensation)

Bandwidth & Distance Chart

Distance (m)	Bandwidth		
	Total (Mbps)	Up (Mbps)	Down (Mbps)
300	103	53	50
500	67	39	28
1000	24	12	12
1500	10	3.5	6.5
2000	4	1	3
2500	1.8	0.5	1.3
3000	0.68	0.44	0.24

Note: The actual data speed performance can vary by the environmental conditions and the cable qualities.

Installation Diagram

