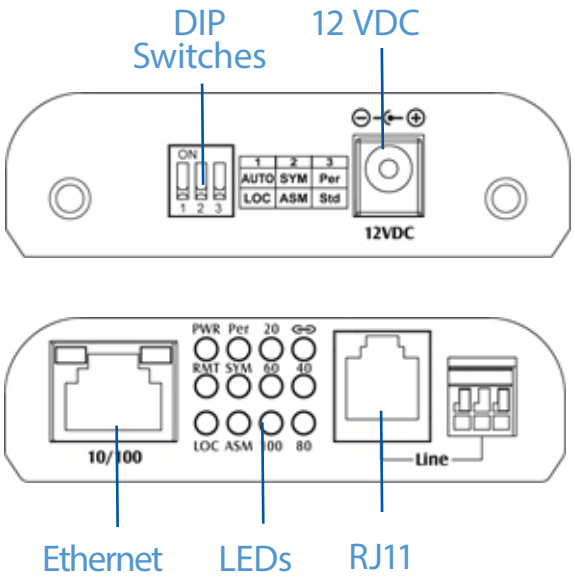
Product Overview



1 ChooseYourInstallationLocation

Installations: Desktop, Wall-mount, DIN-Rail mount.

Identify a power source within 6 feet (1.8 meters).

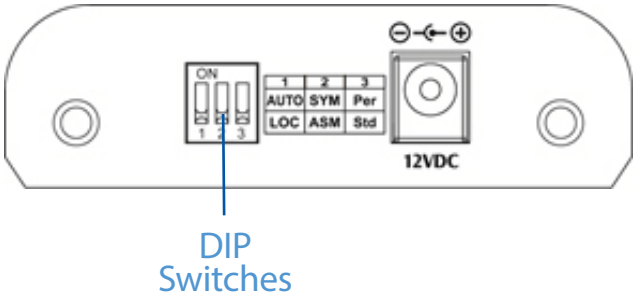
Choose a dry area with ambient temperature between -10 and 60°C (14 and 140°F).

Keep away from heat sources, sunlight, warm air exhausts, hot-air vents, and heaters.

Be sure there is adequate airflow.

Keep the device at least 6 ft (1.83 m) away from the nearest source of electromagnetic noise, such as a photocopy machine.

2 Set DIP Switches



PIN	UP	Down
DIP Switch 1	Auto Mode	Local Mode
DIP Switch 2	Symmetric	Asymmetric
DIP Switch 3	Perfrormance mode	Standard mode

3 Connect to the Data Ports

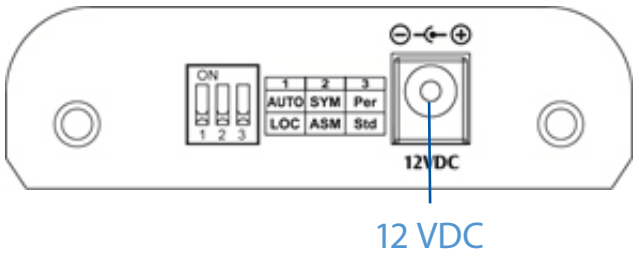
1. Insert one end of the Ethernet cable into a switch port.

2. Connect the other end into the Ethernet port of the device.

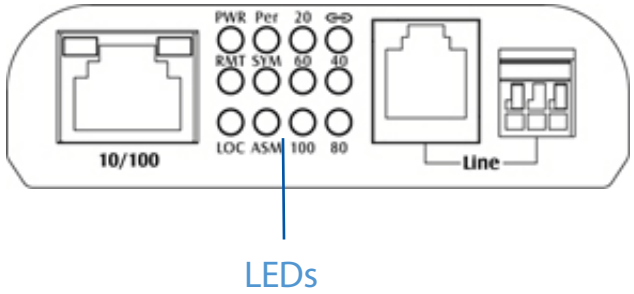
3. Insert the voice grade copper wire between one pair of Ethernet Extenders via Ethernet Extender port (RJ-11 connector or Terminal Block). One device must be set to LOC mode and the other to Auto mode when two devices are connected.

4 Apply DC Power

Connect the supplied AC to DC power adaptor to the receptacle on the rear panel of the Ethernet Extender, and then attach the plug into a standard AC outlet.



5 Check LED Status



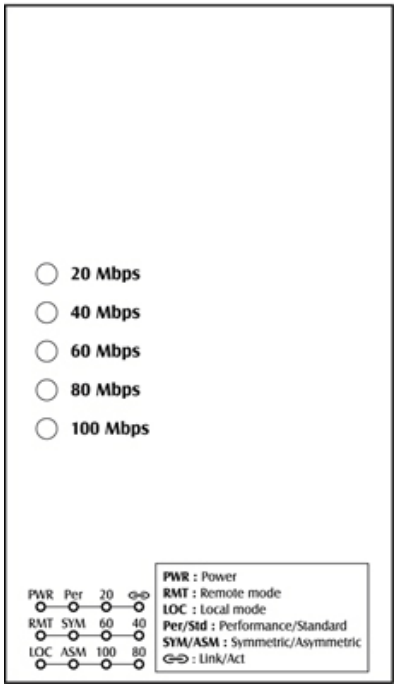
LED	Status	Description
Power	Green On	Receiving Power
	Off	Power OFF
Ethernet Extender Port		
Link/Activity	Green On	Connection is established
	Off	No connection is established
	Green Flashing	Port is sending or receiving data.
Per	Green On	Performance mode
	Off	Standard mode
RMT	Green On	Remote mode
LOC	Green On	Local mode
SYM	Green On	Symmetric mode
ASM	Green On	Asymmetric mode
Line Speed	Green On	Displays the link speed in Mbps
10/100TX Port		
Link/Activity	Green On	Valid network connection
	Off	No data transmission on port
	Green Flashing	Port is sending or receiving data.
Link/Activity	Yellow ON	Link speed at 100Mbps
	Off	Link speed at 10Mbps

Distance and Data Rates

This distance/data rate information is measured according testing standard in our laboratory. The actual installation will be affected by the quality of copper wire and the impact of noise disturbance. The connection speed will be affected.

Distance (m)	Data Rate (Mbps)
300	100
400	80
600	60
800	40
1200	20
2600	1

Top Panel



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Recommended Accessories and Power Supplies

EIS Series 19 Inch Rack and Power Supply

http://www.advantech-bb.com/Products/Ethernet-Infrastructure/Accessories/EIS-Series-Power-Supplies.

Ethernet Cables

http://www.advantech-bb.com/Products/Power-Supplies-Accessories/

Fast, Easy Answers

- First, check step 4.
- Then use your smart phone to access complete documentation on our web site. Simply scan the code to the right.

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QUICK START GUIDE

EIS2-EXTEND

Ethernet Coaxial Extender

First Things First...

Before you begin, be sure you have the following:

- ○ EIS2-EXTEND
- ○ AC to DC power adaptor

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Fast and easy on the web: www.advantech-bb.com