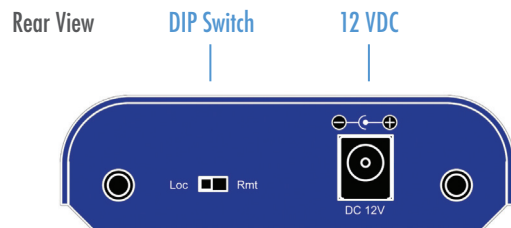
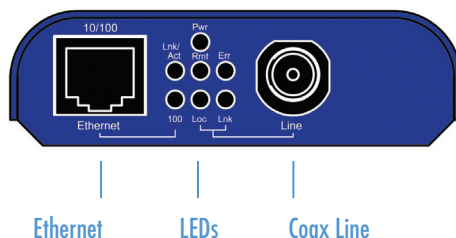


Product Overview



Front View



3 Plug In Your Cable

Connect the Ethernet cable to the RJ-45 port on the front of the Ethernet extender.

Connect the coaxial cable to the BNC port on the front of the Ethernet extender. The opposite end connects with a paired Ethernet extender located elsewhere. Coax cable must be terminated with male BNC to F connectors. A BNC to F-Type adaptor is required for the F style connector (included).



BNC to F-Type Adaptor

4 LED Status

Front Panel LEDs (Ethernet and Line Connections)

Port	LEDs	Status	Description
Ethernet (RJ-45)	Power1	Steady	Power on
	Power2	Off	Power off
	Power3	Off	Power off
	Link/ACT	Steady	Valid Ethernet connection established
		Flashing	Transmitting or receiving Ethernet data (ACT stands for Activity)
		Off	No valid Ethernet connection nor transmitting/receiving Ethernet data
	FDX	Steady	Ethernet connection in full duplex mode (FDX stands for FULL-DUPLEX)
		Flashing	Collision occurred
		Off	Ethernet connection in half-duplex mode
Line (BNC)	Remote	Steady	Operating in remote mode
	Local	Steady	Operating in local mode
	Error	Steady	Error occurred
	Link	Steady	A valid connection established between local and remote

1 Set DIP Switch

Ethernet extenders work in pairs. Set one as the local (Loc) unit and the other as the remote (Rem) unit. It doesn't matter which one is which.



The DIP switch is on top of the device.

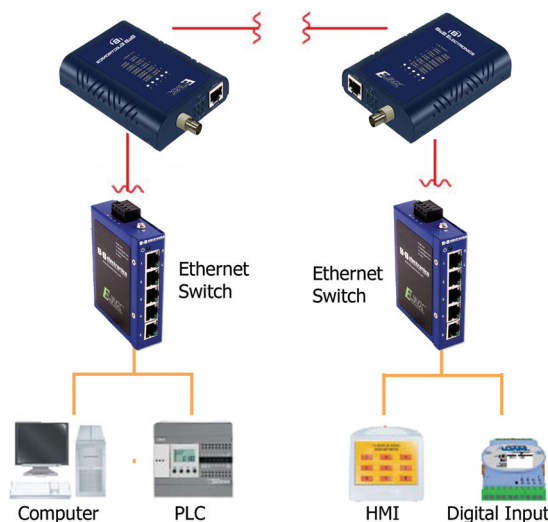
2 Connect Your Power Supply

Apply rubber feet to the bottom of the media converter and select a suitable mounting location. The unit can be wall-mounted using the slots on the bottom of the case.

Connect the supplied AC to DC power adaptor to the receptacle on the rear panel of the Ethernet extender.

EIS-EXTEND-C

EIS-EXTEND-C



Note: Extender must be connected to a receiving extender or a network switch.

Top LEDs (BNC Line Connections)

LED	Status	Speed	Distance
1	Green	1-5 Mbps	up to 2600 M
	Amber	6-10 Mbps	up to 2400 M
2	Green	11-16 Mbps	up to 2000 M
	Amber	17-20 Mbps	up to 1800 M
3	Green	21-29 Mbps	up to 1600 M
	Amber	30-43 Mbps	up to 1400 M
4	Green	44-54 Mbps	up to 1200 M
	Amber	55-63 Mbps	up to 1000 M
5	Green	64-74 Mbps	up to 600 M
	Amber	75-85 Mbps	up to 200 M

Troubleshooting

Self-diagnostic Test Procedure

1. Two Ethernet extenders are connected, as a pair, using BNC connectors over coaxial cable.
2. One Ethernet extender is configured as a **local** unit. The setting mode switch on the rear panel of this Ethernet extender is set to Loc (local mode), and is located at the local end of the Ethernet extension.
3. The other Ethernet extender is configured as the **remote** unit. The setting mode switch on the rear panel of this Ethernet extender is set to Rmt (remote mode), and is located at the remote end of the Ethernet extension.
4. Supplied AC to DC power adaptors are connected to the receptacles on the rear panel of both Ethernet extenders. Both adapters are plugged into standard AC outlet sockets.
5. LED 5 on the top panel of both Ethernet extenders lights up in an amber or green color, showing that both Ethernet extenders are connected and have negotiated best performance for symmetrical transmission.

Recommended Accessories and Power Supplies

Power Supply for EIS-RACK-16, 84 Watts

<http://www.bb-elec.com/EIS-EXTEND-C/ACC>



EIS-RACK-PS

CAT 5 Cable

<http://www.bb-elec.com/EIS-EXTEND-C/ACC>



CAT 5 Cable

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.**



<http://www.bb-elec.com/EIS-EXTEND-C>



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**QUICK
START
GUIDE**



EIS-EXTEND-C
Ethernet Coaxial Extender

✓ First Things First...

Before you begin, be sure you have the following:

- ☐ Ethernet Coaxial Extender
- ☐ AC to DC Power Adaptor
- ☐ Rubber Feet
- ☐ BNC to F-Type Adaptor



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