FEATURES

- No configuration, one simple two position switch
- Transparent to network protocols
- Protocol independent
- Uses either one or two phone wire pairs
- 10/100BaseT Auto-Negotiation, auto-MDI/MDIX
- Span distances up to 1900 meters/6000 feet
- Self-configures from 1 Mbps to 50 Mbps depending upon cable characteristics
- Available with option DIN rail mount
- Powered by 12 VDC from a 120 to 240 VAC supply
- LEDs indicate available speed
- Industrial aluminum case, -20°C to 60°C operation

DESCRIPTION

The Ethernet-Extender extends 10/100 BaseTX ethernet circuits up to 6,000 feet. The Ethernet-Extender uses copper wire pairs, either a single pair or for more speed, two pairs in combination. Speeds are automatically maximized by the unit on power up, and range from 1 to 50 Mbps.

Now you can utilize older RS-232 or telco wiring to extend your Ethernet LAN throughout the facility.

The Ethernet-Extender is used in pairs (and sold in pairs). The only configuration is to set a single switch, indicating that one unit is the remote and one is the local. That's all there is to it.

Power input is 12VDC supplied by the included 120-240 VAC power supply. Other power supply options are available.
Ethernet Extender

**SPECIFICATIONS**

**General**
- Symmetrical VDSL over the extension port
- Standards: IEEE802.3 10BaseT, IEEE802.3u 100Base-TX, IEEE802.3x, Ethernet over VDSL
- Protocols: Transparent to all higher layer protocols
- Processing Type: Half-duplex back-pressure and IEEE802.3x Full-duplex flow control

**Indicators**
- Power
  - 4 link speed LEDs indicate 1Mbps to 50 Mbps operation

**Controls**
- DIP switch to set local or remote

**Connectors**
- RJ11 for 1 or 2 pair unit to unit link
- RJ45 for 10/100BaseT Ethernet, half/full duplex, MDI/MDIX

**APPLICATION**

**Physical/Electrical/Environmental**
- 3 ¼” x 4 ½” x 1”
- one pound
- -20 to +60 C
- <95% non-condensing relative humidity
- 12 volt DC power supplied by external 120-240 VAC power supply
- 24, 48, 125 VDC and 240 VAC power options available
- 220 mA at 12 volts, 2.4 watts max.

![Front view](image)

![Rear View](image)

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