

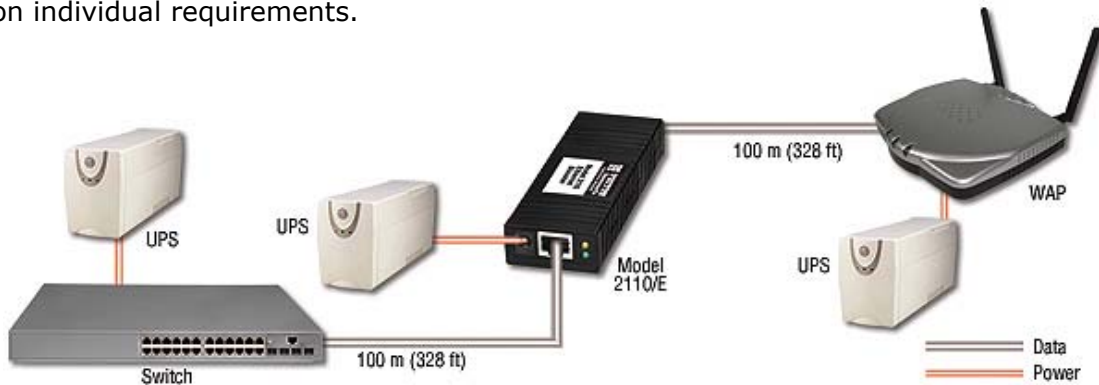
## CopperLink™ Model 2110 Ethernet Booster



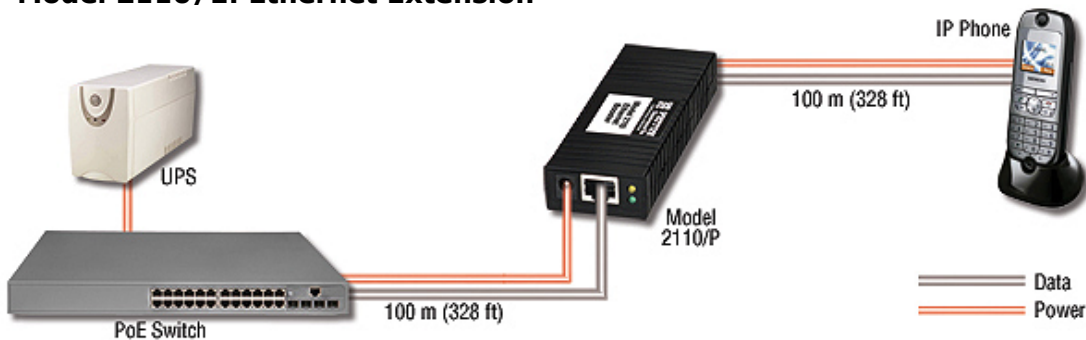
Doubles the Ethernet distance limitations of 100 meters. Multiple 2110 Ethernet Boosters can be placed in-line to further extend both Ethernet and PoE up to 1,640 ft (500 m), eliminating the need for additional switches, hubs, wireless access points, and expensive fibre installations. The 2110 are completely transparent to protocol making them true plug-and-play devices, completely interoperable with any network-enabled device. The 2110 will not cause latency or degradation on your network connections, ensuring the maximum 100-Mbps full-duplex line rate. The 2110P and 2110PSE not only transparently pass on Ethernet data, but can also feed on and forward PoE power to devices such as wireless access points, IP cameras, and VoIP phones.

### Applications

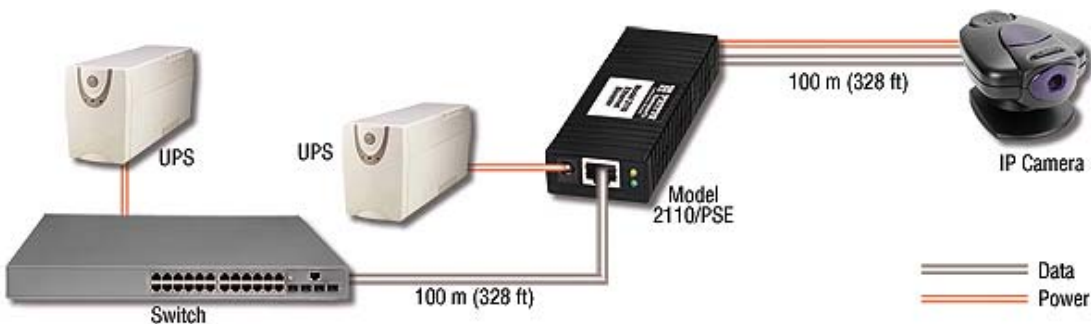
The CopperLink Ethernet Booster is ideal for delivering Ethernet to remote network enabled devices located outside Ethernet's limited range of 100 meters. Several configurations are possible based on individual requirements.



### Model 2110/E: Ethernet Extension



### Model 2110/P: PoE Pass Through & Ethernet Extension



### Model 2110/PSE: PoE Injection & Ethernet Extension

## 802.3af Power and Distance Chart

	Power Delivered	13W	6.5W	3.84W	0W
	Class of PoE Device	Class 3/0	Class 2	Class 1	No PoE Load
Model	PoE Source	Maximum Distance			
2110/P	PoE switch	N/A	300 m 984 ft	400 m 1,310 ft	500 m 1,640 ft
2110/PSE + 2110/P	PoE Injector 2110/PSE/EUI	400 m 1,312 ft	500 m 1,640 ft	500 m 1,640 ft	800 m 2,625 ft
2110/E	No PoE	N/A	N/A	N/A	N/A

## Specifications

<b>Ethernet Connection</b>	Two Ethernet ports 10/100Base-TX; 802.3af • Auto-Negotiating 10/100 • Supports Flow Control (IEEE803.X) for full duplex operation • Supports back pressure for half-duplex operation • Store and forward • Auto MDI-X • 802.3af pass through
<b>LED Status Indicators</b>	PoE/Power (Green): Glows solid when there is power to the unit • Ethernet (Green): Flashes when passing traffic
<b>Power</b>	Rated Voltage: 12 VDC (/EUI) or 57 VDC (/PSE or /P) • Rated Current: 700 mA
<b>Operating Temperature</b>	32-122°F (0-50°C)
<b>Operating Humidity</b>	Up to 90%, non-condensing
<b>Dimensions</b>	3.88L x 1.75W x 0.75H in. (9.8Lx 4.4W x 1.9H cm)
<b>Weight</b>	0.13 lbs (0.06 kg)

## The CopperLink™ Copper Ethernet Extender Range

Take your network connections faster and farther over existing voice-grade wire with Patton CopperLink™ Ethernet Extenders!

Max. Distance	Max. Speed	Distance at Max. Speed	CopperLink™ Model
1 mile (1.6 km)	50 Mbps	800 feet (243.9 m)	<a href="#">Model 2172</a>
1.1 miles (1.8 km)	16.6 Mbps	3,125 feet (952.5 m)	<a href="#">Model 2168A</a>
0.75 miles (1.2 km)	12 Mbps	4,000 feet (1219.2 m)	<a href="#">Model 2158A</a>
5.7 miles (9.2 km)	4.6 Mbps	2.0 miles (3.2 km)	Model 2157
5.7 miles (9.2 km)	2.3 Mbps	3.1 miles (5 km)	<a href="#">Model 2156</a>
5 miles (8 km)	144 kbps	5 miles (8 km)	<a href="#">Model 2155</a>