

Advantages:

- Extends Ethernet cable installations to beyond 100 metres
- Forwards Power Over Ethernet (POE) to remote devices
- No power cable installation required
- Incorporates Power Promise™ technology for reliable power delivery
- Fully transparent – no restrictions to network traffic
- Simple to install – works instantly
- Robust, compact and wall-mountable
- Supports all network devices
- Compatible with universal IEEE 802.3af POE standard



OUTREACH Lite provides a simple way to double the length of a 10/100 Ethernet connection. No configuration is required, it does not require a local power supply, and it does not restrict the throughput of the network link at all.

Compact and wall-mountable, OUTREACH Lite takes its power from the network cable using the universal 802.3af Power over Ethernet (PoE) standard. Network connections can easily be upgraded to PoE compatibility if it is not already available using a simple injector.

Extending network cable runs from an existing PoE switch port is as simple as connecting OUTREACH Lite in-line with the cable. Cable runs of up to 200 metres (656 feet) in length are possible, by using a single OUTREACH Lite to connect two individual sections of up to 100 metres (328 feet) each.

Because OUTREACH Lite repeats the Ethernet signal before it can degrade, the network can be extended without any restriction on its data capacity. Thus the 200Mbit/s bandwidth of regular full-duplex 100BASE-T Ethernet is maintained, for maximum reliability and predictability of operation.

The OUTREACH Lite Ethernet extender requires no external power supply. It simply has two network ports which configure automatically on connection for network speed, duplex and crossover

If no PoE is available on the network, the OUTSOURCE injector can easily be added at either end of the connection. No other equipment is required by end devices, as all Cat5/Cat6 links are regular Ethernet connections.

OUTREACH Lite can be used in combination with the OUTREACH Max PoE-forwarding Ethernet extender, to create connections of 300 metres, 400 metres or even further. For example, to extend a 100BASE-T connection to 400 metres (1312 feet) without any bandwidth restriction, two OUTREACH Max units would be located at 100 metre intervals, followed by an

OUTREACH Lite. PoE from the switch or injector would be forwarded by the OUTREACH MAXes as far as the OUTREACH Lite, so no power connections would be required along the connection.

Note: OUTREACH Lite is powered by PoE but does not forward it to other equipment. To extend network connections to devices that need PoE or PoE Plus, see [OUTREACH Max PoE-forwarding Ethernet extender](#).

SPECIFICATION

Device power	1.3 watts	LED indicators	Power good, network link/activity (both ports)
PoE standard	IEEE 802.3af PoE Class 2 powered device No PoE forwarding	Dimensions	105 x 40 x 22 mm (4.13 x 1.57 x 0.87 in) LxWxH
Ethernet	Two independently auto-configuring ports (10BASE-T/100BASE-TX, half/full duplex) Patch or crossover cables supported	Weight	70g (2.5oz)
		Mounting	Two 7mm (0.28in) diameter mounting holes, Centres 89mm (3.5in) apart
		Environmental Operating:Temp.	-10 to 50C (14 to 122F)