

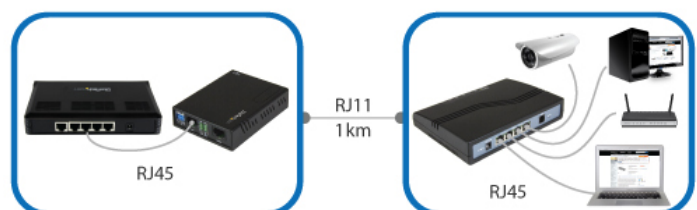
# 1-Port to 4-Port VDSL2 Ethernet Extender Kit Over Single-Pair Wire - 10/100Mbps - 1km

Product ID: 410VDSLEXT2



The 1-port to 4-port VDSL2 Ethernet extender kit lets you connect up to 4 remote network segments or devices to your network, using RJ11 phone cable.

This VDSL2 extender is easy to use and integrates a 4-port Ethernet switch on the receiver unit, which reduces the expense of purchasing additional network switches or routers.



## **Span your network, even across long distances**

The extender reduces the hassle of networking your isolated devices or server rooms by overcoming the 330ft (100m) distance limitations of common CATx Ethernet cable. It's perfect for connecting remote IP cameras or user workstations using single-pair copper wire such as telephone cable.

The versatile extender spans your network at distances up to 3300ft (1000m) at 40Mbps, or 1000ft (300m) at 100Mbps throughput.

## **Save your money, use with existing infrastructure**

With a built-in 4-port Ethernet switch, you don't have to purchase additional networking equipment at the remote location. Plus, you can deliver network access across the existing phone line infrastructure for added cost savings, or simply use a single point-to-point RJ11 cable.

The reliable extender is ideal for networking separate buildings at the same location, or for use in older buildings that only have plain old telephone service (POTS). It gives you more network connectivity options in locations where standard CATx wired or wireless access is unavailable or unreliable.

## **Suits your needs, right out-of-the box**

This extender kit is the perfect all-in-one extension solution. With an integrated DIP switch as well as web-based customization, you have all the tools needed for simple yet effective network extension and management.

The web-interface lets you tweak settings such as IP, port, and MAC address filtering, and to get you up and running quickly there's no driver or software installation required.

The 410VDSLEXT2 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

### Certifications, Reports and Compatibility



### Applications

- Connect users in isolated areas of a large complex or separate buildings using existing RJ11
- Deploy in stone, concrete, or heritage buildings where network connectivity is typically unavailable
- Extend network access and connect multiple IP cameras or Wi-Fi access points in remote areas of a stadium, auditorium, or campus

### Features

- Reduce additional expenses using your existing phone line infrastructure or RJ11 cable
- Connect multiple RJ45 network devices directly to the receiver, with an integrated 4-port Ethernet switch
- Create a convenient point-to-point extension over longer distances than standard 10/100Mbps Ethernet cable
- Quickly configure and manage your network with a simple web-based interface
- 8kV air and 4kV contact ESD and surge protection
- Supports IP, port, and MAC address filtering
- Supports VLAN tagging, Quality of Service (QoS), auto-MDIX, Auto-Negotiation, and full-duplex operation

<b>Hardware</b>	Warranty	2 Years
	Chipset ID	Metanoia - MT3201 Metanoia - MT2201GL-B1 Metanoia - MT2301GL-A1 Metanoia - MT3301GN-A3
	Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX  VDSL2 ITU-T G.993.2, VDSL ITU-T G.993.1, and VDSL2/VDSL ITU-T G.997.1 compliant  IEEE 802.3x Full Duplex Flow Control, IEEE 802.1Q VLAN Tagging, IEEE 802.1P Quality of Service (QoS)
	Ports	4
	Regulatory Approvals	EN61000-4-5 4KV EN61000-4-2 - Air +/- 8KV, Contact +/- 4KV
<b>Performance</b>	Auto MDIX	Yes
	Auto-Negotiation	Yes
	Full Duplex Support	Yes
	Jumbo Frame Support	No
	Max Distance	1 km (0.6 mi)
	Maximum Data Transfer Rate	200 Mbps - Full-Duplex
	MTBF	Transmitter Unit: 73,519 Hours Receiver Unit: 66,436 Hours
<b>Connector(s)</b>	VLAN Tagging	Yes
	Local Unit Connectors	2 - RJ-45 Female
	Remote Unit Connectors	4 - RJ-45 Female  1 - RJ-11 Female
<b>Special Notes / Requirements</b>	<b>Note</b>	<b>Dimensions (LxWxH) and Weights (oz/g)</b> Transmitter Unit: 95 x 72 x 22 mm - 3.1 oz [87 g] Receiver Unit: 178 x 130 x 37 mm - 10.6 oz [300 g]
<b>Indicators</b>	LED Indicators	Please see product manual
<b>Power</b>	Center Tip Polarity	Positive
	Input Current	0.36 A
	Input Voltage	100 ~ 240 AC
	Output Current	1.0 A
	Output Voltage	12 DC
	Plug Type	M

	Power Consumption (In Watts)	4.5
	Power Source	2 AC Adapters Included
<b>Environmental</b>	Humidity	Transmitter Unit: 10~90% RH (Non-Condensing) Receiver Unit: 10~95% RH (Non-Condensing)
	Operating Temperature	Transmitter Unit: 0°C to 50°C (32°F to 122°F) Receiver Unit: 0°C to 45°C (32°F to 113°F)
	Storage Temperature	Transmitter Unit: -10°C to 70°C (14°F to 158°F) Receiver Unit: -20°C to 70°C (-4°F to 158°F)
<b>Physical Characteristics</b>	Color	Black
	Enclosure Type	Plastic
	Product Height	2.4 in [60 mm]
	Product Length	7.1 in [180 mm]
	Product Weight	14.4 oz [408 g]
	Product Width	5.3 in [135 mm]
<b>Packaging Information</b>	Shipping (Package) Weight	3.1 lb [1.4 kg]
<b>What's in the Box</b>	Included in Package	1 - 1 Port VDSL2 Ethernet Transmitter 1 - 4 Port VDSL2 Ethernet Receiver 2 - Universal Power Adapters (NA/UK/EU) 1 - RJ45 to VDSL2 Cable 1 - RJ11 Cable 1 - Instruction CD 1 - Instruction Manual

Product appearance and specifications are subject to change without notice.