

## 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.

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.

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.

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

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## Hardware

Warranty	2 Years
Ports	4
Regulatory Approvals	EN61000-4-5 4KV EN61000-4-2 - Air +/- 8KV, Contact +/- 4KV
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)
Chipset ID	Metanoia - MT3201 Metanoia - MT2201GL-B1 Metanoia - MT2301GL-A1

Metanoia - MT3301GN-A3

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**Performance**

Maximum Data Transfer Rate	200 Mbps - Full-Duplex
Max Distance	1 km (0.6 mi)
Auto MDIX	Yes
Jumbo Frame Support	No
General Specifications	Full Duplex Support: Yes Auto-Negotiation: Yes VLAN Tagging: Yes
MTBF	Transmitter Unit: 73,519 Hours Receiver Unit: 66,436 Hours

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**Connector(s)**

Local Unit Connectors	RJ-45
Remote Unit Connectors	RJ-45 RJ-11

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**Special Notes / Requirements**

Note	<strong>Dimensions (LxWxH) and Weights (oz/g)</strong> 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]
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**Indicators**

LED Indicators	Please see product manual
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**Power**

Power Source	2 AC Adapters Included
Input Voltage	100 - 240 AC
Input Current	0.36 A
Output Voltage	12V DC
Output Current	1.0 A



Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	4.5

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#### Environmental

Operating Temperature	Transmitter Unit: 0C to 50C (32F to 122F)
	Receiver Unit: 0C to 45C (32F to 113F)
Storage Temperature	Transmitter Unit: -10C to 70C (14F to 158F)
	Receiver Unit: -20C to 70C (-4F to 158F)
Humidity	Transmitter Unit: 10~90% RH (Non-Condensing)
	Receiver Unit: 10~95% RH (Non-Condensing)

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#### Physical Characteristics

Color	Black
Material	Plastic
Product Length	7.1 in [18 cm]
Product Width	5.3 in [13.5 cm]
Product Height	2.4 in [60 mm]
Weight of Product	14.4 oz [408 g]

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#### Packaging Information

Package Length	9.1 in [23 cm]
Package Width	6.5 in [16.5 cm]
Package Height	7.9 in [20 cm]
Shipping (Package) Weight	3.1 lb [1.4 kg]

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#### What's in the Box

Included in Package	1 Port VDSL2 Ethernet Transmitter
	4 Port VDSL2 Ethernet Receiver



Universal Power Adapters (NA/UK/EU)

RJ45 to VDSL2 Cable

RJ11 Cable

Instruction CD

Instruction Manual

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***\*Product appearance and specifications are subject to change without notice.***

