

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

StarTech ID: 410VDSLEXTEU



The 410VDSLEXTEU 10/100 4-Port VDSL Ethernet Extender Kit lets you span a 10/100 network over single pair wire at distances up to 1km, to multiple users or network segments while maintaining high-speed network connectivity.

With the ability to run over new or existing RJ45 cabling, RJ11 phone lines, or any other single pair wire, the 4-port VDSL2 kit provides a simple, out-of-the-box solution that includes both the Ethernet-VDSL extender and receiver units.

Perfect for connecting isolated user stations within, or between buildings, or to overcome infrastructure obstacles (e.g. stone/concrete architecture) where new wiring or wireless may be impossible. This LAN extender kit also helps to eliminate expense by allowing video streaming and data to share the same telephone pair without interference.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

### Applications

- Extend network connectivity to remote areas of stadiums, auditoriums or other venues
- Provide connectivity to users or network segments that are in an isolated area of a large complex or in another building altogether
- Industrial applications include controlling CNC machinery, polling bar code scanner data, administering process control equipment, and other harsh environment applications
- Monitor and control medical equipment, security keypads/card scanners, point of sale equipment and remote sensor data, and various other healthcare related network communications
- Remote sensor monitoring for traffic flow management (air traffic control, expressway flow)

## Features

- Four 10/100Mbps auto-sensing/auto-MDIX LAN ports
- Provides surge protection for VDSL2 port
- Integrated RS232 Console port
- Supports flow control for Fast Ethernet (Pause Frame or Back Pressure)
- Lightweight, compact design
- POTS/ISDN splitter on board

**Technical Specifications**

Warranty	2 Years
Industry Standards	IEEE 802.3, IEEE802.3u, ETSI, ITU, ANSI VDSL2
Chipset ID	Lantiq - VINAX D+A
External Ports	1 - DB-9 (9 pin; D-Sub) Female
External Ports	2 - RJ-11 Female
External Ports	4 - RJ-45 Female
Maximum Data Transfer Rate	300m - 100Mbps 1km - 50Mbps
Auto MDIX	Yes
Full Duplex Support	Yes
Switching Architecture	Store and Forward
MTBF	35,000 Hrs @ 25°C
Color	Black
Product Length	7.1 in [180 mm]
Product Width	5.6 in [143 mm]
Product Height	1.4 in [36 mm]
Product Weight	14.8 oz [418 g]
LED Indicators	1 - Power
LED Indicators	1 - WAN Link indicator
LED Indicators	4 - LAN Link/Activity indicators
Power Adapter Included	Two
Input Voltage	110 ~ 240 AC
Input Current	0.5A
Output Voltage	12 DC
Output Current	1.25A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption	< 5W
Operating Temperature	05/10/2012eg;C to 505/10/2012eg;C (325/10/2012eg;F to 1225/10/2012eg;F)
Storage Temperature	-105/10/2012eg;C to 705/10/2012eg;C (145/10/2012eg;F to 1585/10/2012eg;F)
Humidity	10~90% RH
Package Quantity	2
Shipping (Package) Weight	3.9 lb [1.8 kg]
Included in Package	Extender Unit

Included in Package	Receiver Unit
Included in Package	RJ-11 Cable
Included in Package	RJ-45 Cable
Included in Package	Power Adapter
Included in Package	Instruction Manual

**Certifications, Reports and Compatibility**

