4 Port 10/100 VDSL Ethernet Extender Kit over Single Pair Wire - 1km
StarTech ID: 410VDSLEXT

The 410VDSLEXT 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 and Solutions

• Extend network connectivity to remote areas of stadiums, auditoriums or other venues

• 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

• Provide connectivity to users or network segments that are in an isolated area of a large complex or in another building altogether

• Remote sensor monitoring for traffic flow management (air traffic control, expressway flow)

Features

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

Technical Specifications

- Warranty: 2 Years
- Chipset ID: VINAX D+A / LANTIQ
- Product Height: 1.42 in [36 mm]
- Humidity: 10~90% RH
- Input Current: 0.5A
- LED Indicators: LAN Link/Activity indicators
- LED Indicators: 1 - WAN Link indicator
- LED Indicators: 1 - Power
- Product Length: 7.09 in [180 mm]
- Maximum Data Transfer Rate: 300m - 100Mbps

1km - 50Mbps

- MTBF: 35,000 Hrs (25°C)
- Operating Temperature: 0°C to 50°C (32°F to 122°F)
- Output Current: 1.25A
- Package Quantity: 2
- Power Consumption: < 5W
- Carton Quantity: 6
- Industry Standards: IEEE 802.3, IEEE802.3u, ETSI, ITU, ANSI VDSL2
- Storage Temperature: -10°C to 70°C (14°F to 158°F)
- Switching Architecture: Store and Forward
- Shipping (Package) Weight: 3.87 lb [1.75 kg]
- Product Weight: 14.76 oz [418 g]
- Product Width: 5.63 in [143 mm]