

VDS-0202 (BNC Connection)

Why convert Ethernet to VDSL2?

The LevelOne VDS-0202 converts your data from Ethernet to VDSL2, making it easy to send high-bandwidth data over long distances. This new technology uses traditional coaxial cable instead of expensive Cat.5 cables.

New technology = cost-effective deployment

When using VDSL2 (Very High Speed Digital Subscriber Line) technology, users can transmit data **up to 400 meters** without having to add expensive Ethernet switches or cables to extend the network reach. And with 100Mbps downstream and 60Mbps upstream, VDSL2 technology provides ample room for all high-bandwidth usage.

Fast transfer speeds? Yes. Easy Installation? Yes.

VDS-0202 works especially well in applications where traditional copper phone lines are already installed: apartments, condominiums, hotels, university campus, etc. There is no need to run expensive Ethernet cables and installers can easily integrate VDSL2 technology into the existing network. The VDS-0202 is plug and play ready and requires minimum installation time.

Customized settings

Each VDS-0202 also allows for customized settings for advanced use. Using a built-in DIP switch, users can customize the behavior of the device to match the desired network configuration.

BNC connector

For use in networks that utilize coaxial cables for the Digital Subscriber Line.



VDS-0202

Key Features

- Supports a VDSL2 connection up to 2km over coaxial cable
- Provides 100Mbps downstream and 60Mbps upstream over 400m
- Compliant with ITU-T G.993.1, G.993.2 VDSL/VDSL2 and SG15Q4 DMT standards
- Auto MDI/MDIX for 10/100 BaseT Ethernet LAN Ports
- Features selectable Fast and Interleaved modes
- Selectable fixed data rate and fixed SNR margin
- Features 4 Dip Switches for Configuration Settings
- Low-Latency for Video/Voice/Data applications

Technical Specification

VDSL2 Transmission

- ITU-T G.993.1/2, SG15Q4 DMT Compliance
- Trellis Code with 1024 DMT bins
- Max Data Rate: 100/60 Mbps
- RJ-45 Connector x 2
- BNC Connector x1

LAN Interface

- Auto-Detection for 10/100 BaseT and Half/Full duplex
- High performance bridge for Ethernet extension
- Fully compatible with IEEE802.3/IEEE802.3u
- Automatic MDIX Function
- RJ-45 Connector x 2
- ITU-T G.993.1/2, SG15Q4 DMT Compliance
- Trellis Code with 1024 DMT bins

Physical Specifications

LEDs

Power, LAN1, LAN2, BNC, M/S

Power Supply

DC 5V, 2A

Dimension

120mm (L) x 90mm (W) x 28mm (H)

Operating Temperature and Humidity

Operating: 0°C ~ 50°C

Humidity: 0% ~ 70% (non-condensing)

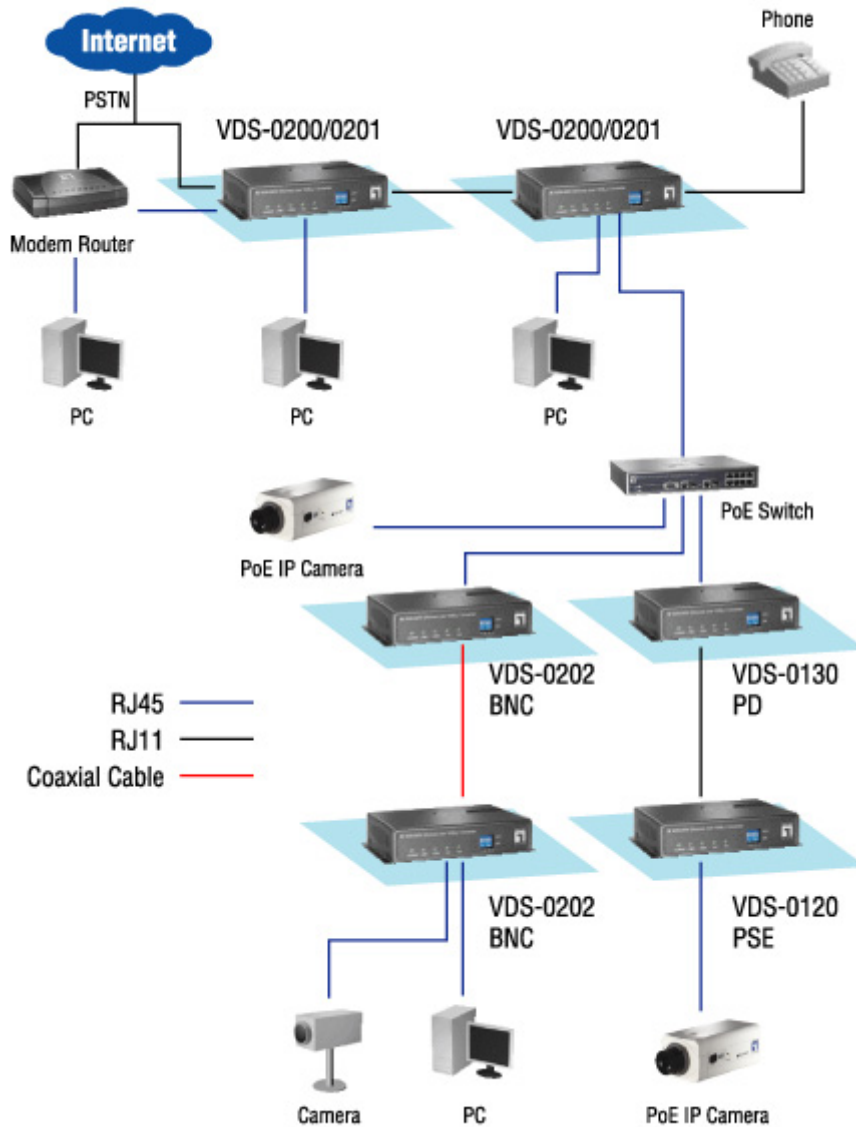
EMI Certifications

CE, FCC Class B

Physical Specifications

- VDS-0202 VDSL2 Converter
- 5VDC/2A Power Adaptor
- User Manual CD

Product Diagram



Order Information

VDS-0202: VDSL2 LAN Extender

Package Content

- VDS-0202 VDSL2 Converter
- 5VDC/2A Power Adaptor
- User Manual CD