

UVE7300



Ethernet over VDSL Converter Connects two Ethernet LANs over 1.2Km Phone Line

FEATURES

- Comply with 10Base-T and 100Base-TX standards
- Support V-Ethernet standard
- Four 10/100Mbps Fast Ethernet port
- One uplink Ethernet port
- One VDSL over Ethernet port
- Two RJ-11 connectors for v-Ethernet port
- 20Mbps V-Ethernet port symmetry data bandwidth
- Extending distance up to 4000ft
- Voice and Data work on the same telephone line
- Transparent to all kind of network protocol
- Provide master/slave device to work in a pair
- Internal universal power supply

OVERVIEW

The VDSL Extender featured signal conversion technology between standard Ethernet (10Base-T and 100Base-TX) and innovative VDSL over Ethernet on the telephone line. It is an ideal solution to extend the distance of local area network from 100 meters to 1,200 meters. The VDSL Extender allows voice and data to be transmitted on the same line, saving a lot of redundant cost of wiring. For network system integrators, this product is the best choice for planning centralized Internet access for hotels, offices, apartments and campus environment.

The V-Ethernet port supports the symmetry data bandwidth up to 20Mbps and transmission distance up to 4000ft (1.2Km). It is ideal for providing video-on-demand and multi-media service to apartment, hotel and campus. Moreover, the distance expansion also provides wide range coverage.

The converter is plug and play without any software to configure and also fully compliant with all kinds of network protocols. Moreover, the rich diagnostic LEDs on the front-panel for providing the operating status of the system.

SPECIFICATIONS

System Specifications	
Standard	IEEE802.3 10Base-T IEEE802.3u 100Base-TX Ethernet over VDSL
Interface	Four 10/100Mbps Fast Ethernet switch port Two RJ-11 connectors for Ethernet over VDSL port (Phone/Net)
Cable Connections	RJ-45 (10BASE-T): UTP Category 3, 4, 5 RJ-45 (100Base-TX): UTP Category 5 VDSL: Twisted-pair telephone wires
Network Data Rate	10Mbps for 10Base-T 100Mbps for 100Base-TX 10Mbps symmetry for VDSL
LED indicators	System: Power Ethernet Port: Speed, Link/Activity, Full Duplex/Collision Ethernet over VDSL Port: Link/Activity
System Memory	1Mbyte
MAC Address Table	1K entries
Emission	FCC Class B, CE
Power Supply	Internal Switching Power Supply
Environment	
Operating Temperature	0 to 50 (32 to 122)
Storage Temperature	-20 to 70 (-4 to 158)
Operating Humidity	10% to 90% Non-Condensing
Storage Humidity	0% to 95% Non-Condensing

ORDERING INFORMATIONS

Model	Description
UVE7300-M	Ethernet to VDSL Converter Master Device
UVE7300-S	Ethernet to VDSL Converter Slave Device

EUSSO Technologies, Inc. is a dedicated data communication and networking company. With professional experiences in design, production, marketing and service support, we deliver the full range networking products including Gigabit Ethernet, Fiber Optic, Wireless LAN, Switches, Hubs, LAN cards, PCMCIA adapters, Converter, Transceivers. As well as Internet Telephony Gateway, Print Servers, Internet Sharing Servers and many others.

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EUSSO Technologies, Inc.

Tel: +886-2-8221-4616

Email: sales@eusso.com

6F, No.389, Sec.2, Chung Shan Road, Chung Ho City, Taipei 235 Taiwan, R.O.C.

Fax: +886-2-8221-4607

<http://www.eusso.com>