



User Manual

VX-VEB160



Versa Technology, Inc.

A. Introduction

VersaXpress-VEB160 is a VDSL2 (ITU G.993.2) to Ethernet Bridge that provides a high speed end-to-end solution to any Ethernet based network. Operating at 100Mbps, **VersaXpress-VEB160** extends your Internet connection, or your existing network, to any room in the building that contains a telephone jack. The **VersaXpress-VEB160** is designed to operate on the telephone wire that is standardized at homes throughout the world. These telephone lines utilize all the same modular patch cords and connections commonly used for telephones.

The **VersaXpress-VEB160** can provide up to 100Mbps Ethernet access at distance up to 3000ft using phone line with Plain Old Telephone Service. Installing **VersaXpress-VEB160** is effortless, you just simply plug it into the existing RJ-11 telephone jack, and with minor to none configuration, your network will be up and running within the minutes.

B. Features

- 10/100Mbps Ethernet connection over Home Phone line Network
- Provides DSL modem/router connectivity
- 100Mbps transfer rate over telephone cabling
- Built-in voice and data splitter
- Provides Internet sharing over the network
- Stand-alone unit with one RJ-45 port and two RJ-11 ports
- IEEE 802.3 compliant
- ITU-T G.993.1, G.993.2 compliant
- ANSI T1.424 compliant
- ETSI TS 101 270 compliant
- CHINA MII compliant
- Easy installation – no software driver required
- Visual status indicators

C. Standard Packaging

Each **VersaXpress-VEB160** package should contain the following items:

- **VersaXpress-VEB160** system box
- RJ-11 cable (6 feet)
- User Manual
- 5V DC/110V AC power adapter

D. Connectivity



Figure-1

View of **VersaXpress-VEB160** Ports/Switch

E. LED Displays



Figure-2

VersaXpress-VEB160 LED Displays

LED	Color	Function
PWR	Green	Lit when VersaXpress-VEB160 is supplied with power.
UTP ACT	Green	Blink when Ethernet data is transmitting.
UTP Link	Green	Ethernet Link established when it is on.
VDSL Link	Green	VDSL Link established when it is on. Blink when Ethernet data is transmitting.

F. Hardware Installation

1. Remove the **VersaXpress-VEB160** system from its packaging and inspect it for possible damages.
2. If you are connecting the **VersaXpress-VEB160** to a given device that requires RJ-45 cabling, insert one end of the RJ-45 cable into port Ethernet of the **VersaXpress-VEB160**; then, plug the other end of the RJ-45 cable into the RJ-45 port of the device you wish to link to.
3. If you desire to link the **VersaXpress-VEB160** to PCs or devices that support VDSL2, you may plug one end of the RJ-11 telephone cable into the “Line” port (see Figure 1) of the **VersaXpress-VEB160**. Then, you would insert the other end of the telephone cable either directly into the RJ-11 port of the VDSL2 device or into the wall jack. Please note that the telephone wiring within the confines of walls can also be used to serve the function of data transmission.
4. Connect the power adapter plug into the “VDC IN” port of the **VersaXpress-VEB160** (see Figure 1).
5. Plug the power adapter into an available electrical outlet to power on the **VersaXpress-VEB160** and complete the installation process.

G. Quick Spec

Model:	VersaXpress-VEB160
Compliance:	IEEE 802.3; ITU-T G.993.1, G.993.2; ANSI T1.424; ETSI TS 101 270; CHINA MII
Ports:	Line & Phone (RJ-11); Ethernet (RJ-45)
Data Rate:	100Mbps(RJ-11), 10/100Mbps(RJ-45)
Cable:	Telephone cable (RJ-11)
Distance:	Up to 3000ft (RJ-11).
LED:	Power, UTP ACT, UTP Link, VDSL
Temperature:	0 to 50°C
Humidity:	5% to 90%, non-condensing
Dimensions:	26.75"W x 34.13"D x 1.13"H
Weight:	1 Lbs
Power:	5VDC/2A adapter
Certifications:	FCC Part 15, FCC Part 68, UL/CSA/TUV, CE

H. Warranty Summary

Limitation of Warranty: The foregoing warranty shall not apply to defects resulting from abuse, neglect by the Buyer, improper installation or application by the Buyer, Buyer supplied software or interfacing, unauthorized modification or misuse, operation outside of the environmental specifications for the product, acts of God, or improper site preparation or maintenance.

Note: No other warranty is expressed or implied by statute or otherwise, regarding the product including their fitness for any purpose, their quality, their merchantability, non-infringement or otherwise.

Exclusive Remedies: The remedies provided herein are the Buyer's sole and exclusive remedies. Versa Technology shall not be liable for any direct, indirect, special, incidental, or consequential damages, whether based upon contract, tort, or any other legal theory. Warranties apply only to original

purchaser or end-user and cannot be assigned or transferred to subsequent parties

I. Support Information

Defective or damaged merchandise can be returned to your point-to-purchase representative. To get product support, or to obtain product, information and VersaXpress product documentation, you can contact your local product support engineers or direct your Web browser to:

<http://www.versatek.com>