



Surveillance Video over Powerline



VueBRIDGE VB85T

Powerline Ethernet Adapter

VueBRIDGE is a plug and play adapter that when plugged into an electrical outlet converts the Powerline data signals from the AC wiring into a standard 10/100 Ethernet network connection via its RJ45 connector. This provides a flexible and affordable networking solution to any home or business. In other words, this adapter will create an “instant Ethernet LAN” anywhere there is an AC socket!

Without the need to run any new wires or cables, **VueBRIDGE** will transform the AC lines into a secure high performance in-building broadband network. Using breakthrough HomePlug compliant technology, this Powerline environment will deliver data transfer rates of up to 85 Mbps and supports up to 16 devices. By simply plugging it into the AC outlet, your digital data will be transmitted to other **VueBRIDGE**s or compatible Powerline devices with Ethernet speed and quality throughout the building.

For your video surveillance applications, this Ethernet adapter will allow you to use your own PC as a Powerline network based server for monitoring your cameras when the appropriate video surveillance software is installed. **VueBRIDGE** is also an integral component of VisualGate’s Powerline embedded video surveillance solutions for home and business including:

- **VueKIT**, an affordable video surveillance solution for home or small business, and
- **PL-VUE**, a total system designed for professional business and commercial solutions.

Features:

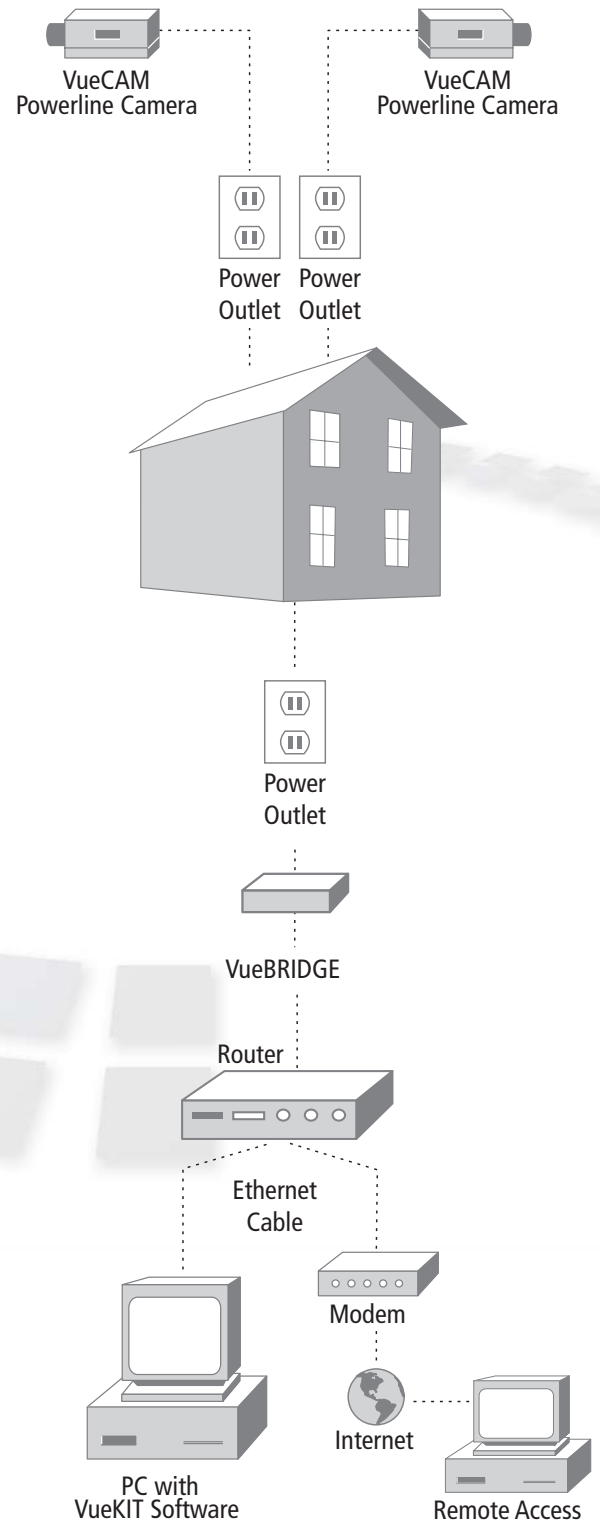
- Easy plug-and-play installation
- Utilizing the existing AC outlets allows for fast and convenient instant network connectivity
- Transparent connection of Powerline devices to any existing Ethernet environment
- Dynamic adjustment to Powerline environment providing data transfer rates of up to 85 Mbps
- Based on HomePlug 1.0 Turbo compliant technology and standards
- Integrates with other HomePlug compliant devices and other networking devices
- Secure 56-bit encryption and password protection provides for superior security and privacy
- Encryption done by hardware with no sacrifice on bandwidth
- Uses single AC power connection, yet supports up to 16 devices
- Estimated range of approximately 1000 feet within wall power lines
- Uses IEEE802.3 computer interface for ease of connection
- Simple installation with an easy to follow Quick Start-Up Guide
- LED indicators show device and network status
- Adapts to multiple country adapter specifications
- No problems passing through circuit breakers
- Compact wall-hugging design
- Adapter plugs directly into any power outlet



VueBRIDGE Technical Specifications

VueBRIDGE VB85T

Computer Interface	IEEE802.3/IEEE802.3u (RJ45)
Network Interface	VueBRIDGE Powerline
Network Ports	85 Mbps Powerline port / 10Base-T/100Base-TX Ethernet port
Cable Connection	RJ45 10/100 Base T
Installation	Plug-and-Play
LED Indicators	Power, Link
Standards	HomePlug Powerline Specification 1.0
Data Rates	Powerline up to 85 Mbps Turbo
Frequency Band	4.3 to 20.9 MHz
Access Methods	CSMA / CA
Modulation	OFDM
Nodes	Up to 16 nodes per network
Encryption	56-bit data encryption with key management
Operating Temperature	0° - 40°C
Humidity	5% - 90%
Power Source	100 to 240 VAC, 50 / 60 Hz
Certifications	FCC Class B CE Mark cULus
VueBRIDGE Configuration Utility Support	Windows 2000 / XP / NT
Weight	0.2 lbs / 0.1kg
Dimensions (LxWxH)	4" x 2.5" x 1.2" / 10 cm x 6.2 cm x 2.7 cm (not including prongs)
Housing	Plastic



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All features and specifications are subject to change without notice.

