



Surveillance Video over Powerline



VueKIT vk200, vk201

Complete Digital Video Surveillance Solution for Home and Small Business

VueKIT is an affordable video surveillance solution that offers professional-grade quality without the high cost or complexity of traditional systems. Using innovative Powerline technology, this easy to install, plug-and-play solution has everything you need to install a secure video surveillance system, without the need to run new cables.

VueCAM VC202

VueCAM is an IP camera which transmits real-time, high resolution digital video over existing electrical wiring. Based on HomePlug 1.0 compliant standards, this camera provides superior quality with infrared illumination for low light conditions and multi-zone motion detection. The built-in web server will allow for both live viewing locally, or from a remote location over the Internet. Available with either a 6mm lens (VK200) or a 4-9mm varifocal lens (VK201).

VueBRIDGE VB85T

VueBRIDGE has been designed to convert Powerline data signals from the electrical wiring in the building, to standard Ethernet network connections. This transformation of AC power into a secure broadband network allows easy integration for a video surveillance system into any building with electrical wiring.



VueKIT Software VKSW4

VisualGate's DVR type software will support monitoring and recording of up to four VC202 cameras and offers advanced surveillance features such as user-friendly wizards, user management and user defined configurations. The flexible software features include: continuous recording, motion detection, real-time playback, and remote connection.



System Features:

- Quick and easy plug-and-play installation
- Powerline networking eliminates the need for new LAN or video cabling
- Embedded HomePlug 1.0 Powerline technology
- Excellent resolution up to VGA 640 x 480
- Embedded web server on the camera
- Data encryption and password protection
- User-friendly administration utility via standard web interface
- Supports multiple user logins
- Local PC-based software allows view and record for up to 4 cameras simultaneously
- Multi-zone motion detection with email notification
- Review and search stored video by date and time
- Scheduled recording with multiple options
- Records to video files on a PC
- Infrared illumination for low light conditions
- RGB color filter for high sensitivity
- Digital signal processing provides enhanced clarity, color and detail
- Local or remote access
- Video export to .avi format



VueKIT Technical Specifications

VueCAM VC202 (IP Powerline Camera)

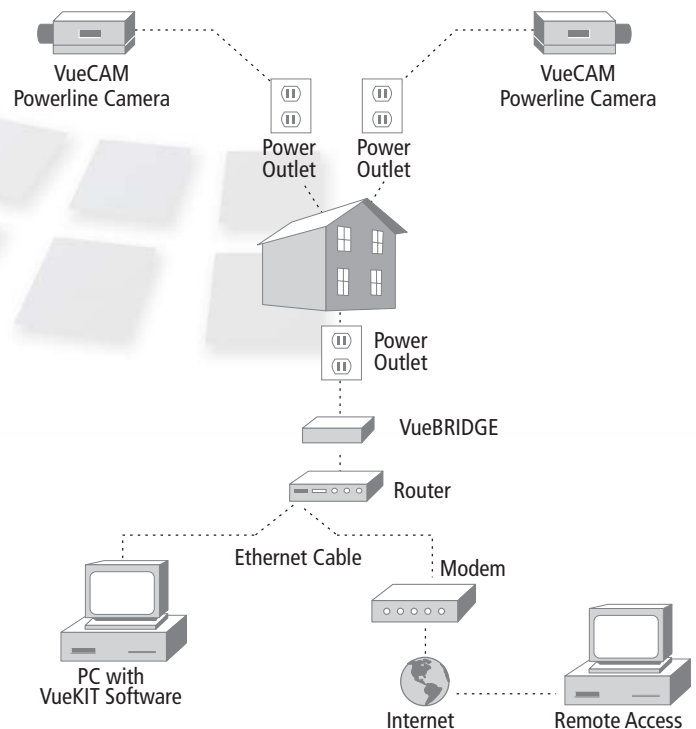
Sensor	0.30um CMOS sensor - 5.04 um x 5.04um active square pixel
Resolution	640x480, (total pixel array size in 652x492, and 652x488 pixels are active) or 320x240
Frame Rate	Max frame rate: 10 fps (VGA) 1/4 inch optical format, Bayer RG color filter array Micro-lens 10-bit digital image signal data bus
Compression	Real-time baseline JPEG compression
Image Control	Auto black level compensation Lens vignetting compensation Advanced color interpolation, color adjustment function and 2D edge enhancement Auto bad-pixel cancellation Hardwired super-resolution filter
Lens	Either 6mm fixed or 4-9mm varifocal
Optional Lens	2.6-6.5mm manual varifocal 9-22mm manual varifocal
Network Interface	Embedded HomePlug Powerline
Security	56-bit data encryption with key management
Software	IP-Cam utility Embedded web server Windows 2000, or XP for initial setup Powerline system utility
LED Display	Reset, Link, RX, TX, Power, HomePlug
Certifications and Regulatory	FCC; CE; cULus
Operating Temperature and Humidity	Operating temp: 0 - 45 degrees C Humidity: RH 10 - 90% non-condensing
Power Source	110/220 VAC
Dimensions (LxWxH)	5.25" x 3" x 1.75" / 14 cm x 7.5 cm x 4 cm plus 0.5" for mounting bolt

VueKIT Software VKSW4 (DVR Application)

System Requirements	Web Access - Java supporting browser DVR application - Windows 2000, or XP CPU - Intel Celeron 300 or higher Peripherals - Network card Memory - 64 MB or higher HD capacity 200 MB or higher Software - Direct X 8.0 or later
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VueBRIDGE VB85T (Powerline Adapter)

Computer Interface	IEEE802.3/IEEE802.3u (RJ45)
Network Interface	VueBRIDGE Powerline
Network Ports	14/85 Mbps Powerline port / 10Base-T / 100Base-TX Ethernet port
Cable Connection	RJ45 10/100 Base T
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
Encryption	56-bit data encryption with key management
Operating Temp.	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
Dimensions (LxWxH)	4" x 2.5" x 1.2" / 10cm x 6.2cm x 2.7 cm (not including prongs)



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All features and specifications are subject to change without notice.

