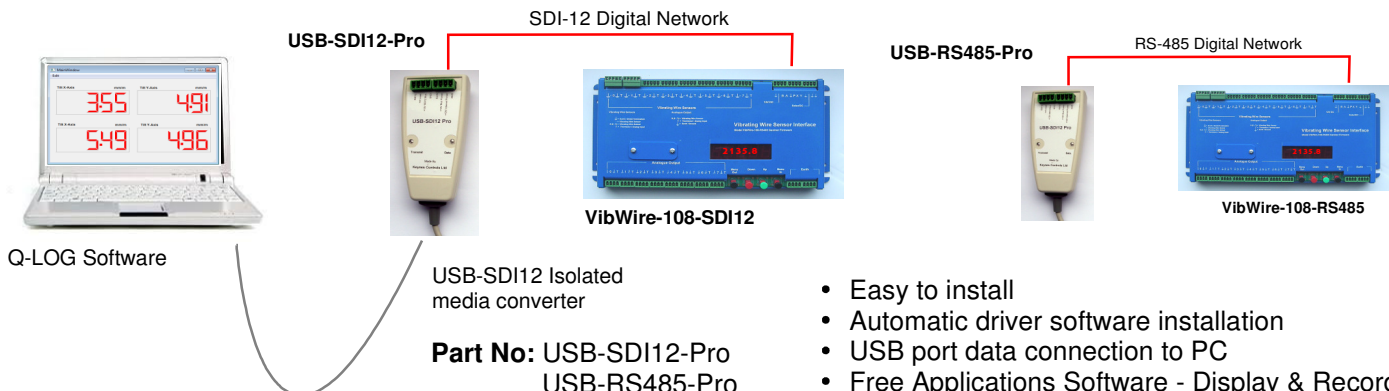




The document shows some of the many ways that the Keynes Controls Systems can be configured to report data

## Direct connection of instruments to a PC

For long distance applications use RS-485 network.



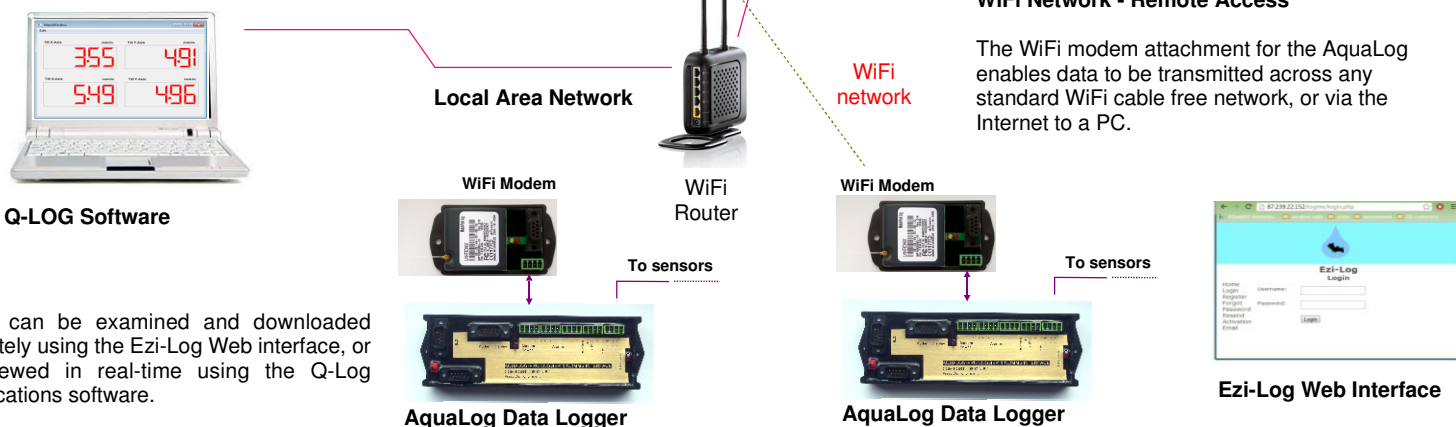
- Easy to install
- Automatic driver software installation
- USB port data connection to PC
- Free Applications Software - Display & Recording
- Sensors & Interfaces powered directly from the media converter

Download a copy of Q-Log at

<http://www.aquabat.net/QLOGFree/qlogv2.html>

## WiFi Network - Remote System

Internet



Data can be examined and downloaded remotely using the Ezi-Log Web interface, or in viewed in real-time using the Q-Log applications software.

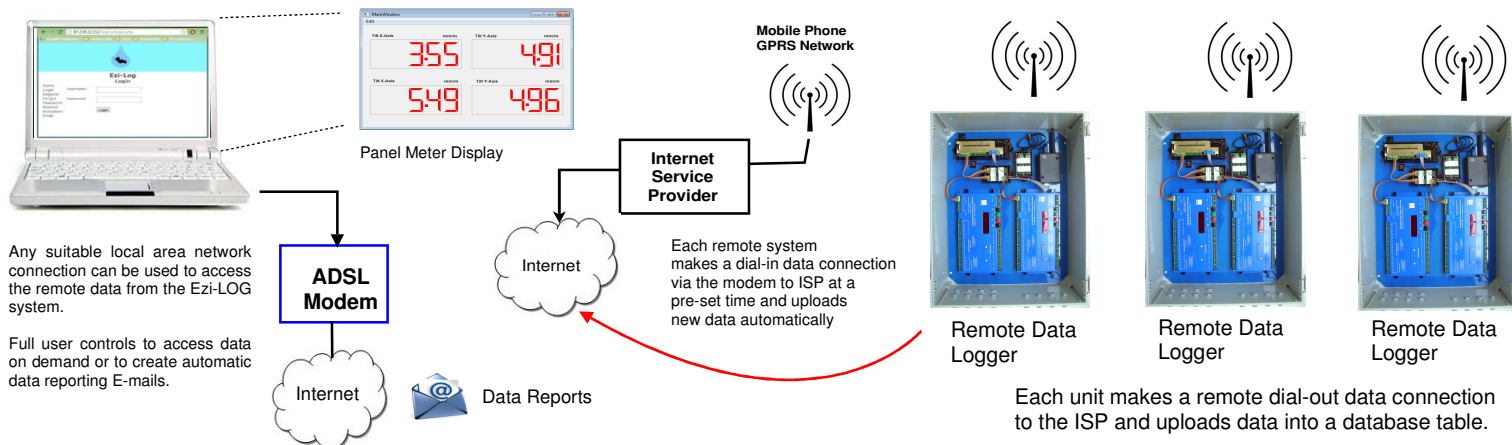
## GPRS Mobile Phone Network - Remote System dial-out

Remote Data Logger

Mobile Phone GPRS Network

Mobile Phone GPRS Network

Mobile Phone GPRS Network



Any suitable local area network connection can be used to access the remote data from the Ezi-LOG system.

Full user controls to access data on demand or to create automatic data reporting E-mails.

Each remote system makes a dial-in data connection via the modem to ISP at a pre-set time and uploads new data automatically

Each unit makes a remote dial-out data connection to the ISP and uploads data into a database table.

## Advantages

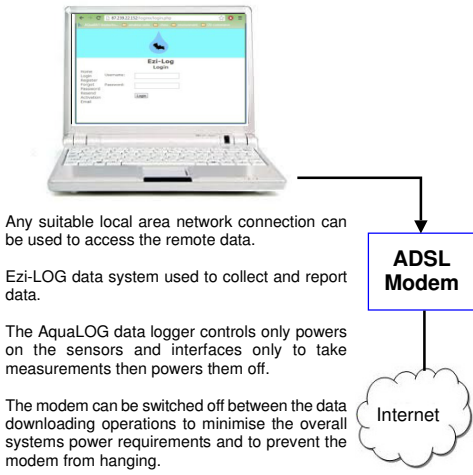
- Supports any number of remote data logger systems
- Uses standard mobile phone SIMM
- Remote data is uploaded onto a Cloud based database
- Web Page Data Access

Download additional details at:

<http://www.aquabat.net/downloads/Ezi-LOGv5-marketing.pdf>

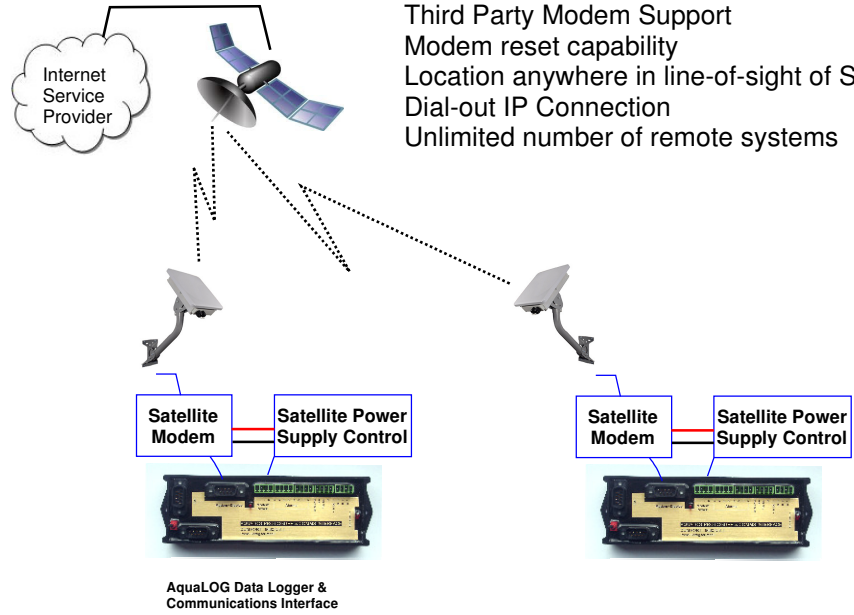
- Automatic Data Reports
- Automatic Date & Time reset after data connection
- Modem Power Cycling to prevent the device hanging.
- Unlimited expansion

## Automatic Satellite Data Communication Solutions



## Features

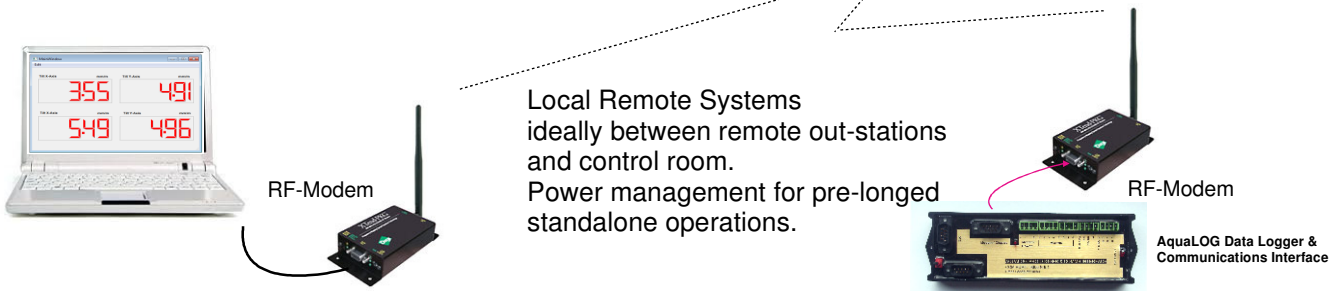
- Stand-alone Operation
- Advanced Power Management
- Third Party Modem Support
- Modem reset capability
- Location anywhere in line-of-sight of Satellite
- Dial-out IP Connection
- Unlimited number of remote systems



## Satellite Modem Requirements

- 9 Pin RS-232 Port Data Connection
- IP data connection via satellite network

## Wireless Modem Data Communication Solutions

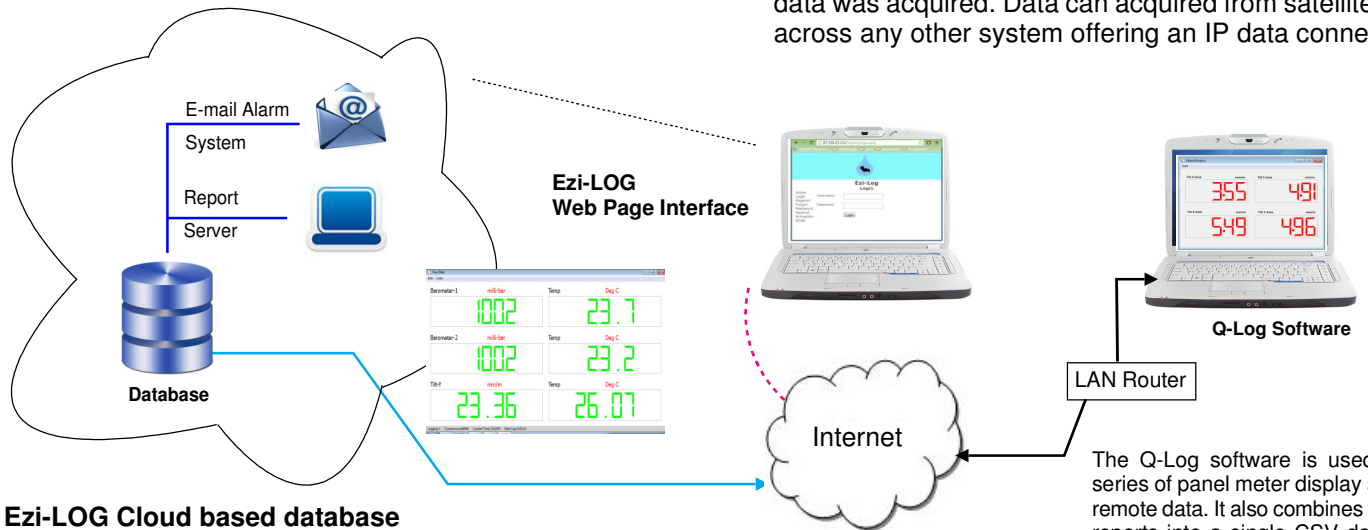


## Features

- Indoor/urban range up to 3000 feet
- Outdoor line-of-sight range up to 40 miles (with high gain antenna)
- Outstanding receiver sensitivity (-110 dBm @9600 bps)
- Adjustable power output from 1 mW to 1 W; up to 4 W EIRP (with 6 dB antenna)

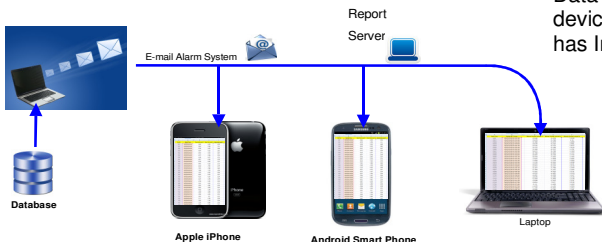
## Ezi-LOG Cloud Based Data Recording & Reporting System

The Ezi-LOG package offers a Web page access of all of the remotely recorded data acquisition systems no matter how the data was acquired. Data can be acquired from satellite systems or across any other system offering an IP data connection.



## Ezi-LOG Cloud based database

Data can be seen on a range of different devices that support a Web browser and has Internet access.



Contact us at: [sales@keynes-controls.com](mailto:sales@keynes-controls.com) Tel: (0044) 118 327 6067

This document only shows some of the options available for using the Keynes Controls instrumentation and data reporting systems and is to be used as a guide only.

Contact us for a full systems quotation or advise project or site specific applications.

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Last updated Jan 2013