INTERNET MONITORING
made easy

Have you ever wished you could remotely monitor or record a temperature, fluid level, energy usage or flow but been held back by the complexity of getting a complete system working? The ezeio makes this easier than ever without compromising security and at an incredibly low cost.

The ezeio is not just a communicating controller. It is a complete solution that is ready to use out of the box. All you need is a web browser, and you will be able to access your systems from anywhere, any time.

The ezeio controller connects to industry standard sensors (analog or ModBus) and automatically and immediately makes the data - both live and historic - avaliable via any standard web browser. You can easily set multiple alarm thresholds for each sensor, and send alerts via email, SMS or voice calls and even program local actions, making the controller act like a PLC.

Easily access multiple sites and controllers from a single login, generate beautiful graphs, reports and send control commands directly from your computer or smartphone.

In addition to reading sensors, the ezeio can also be used to control fans, lights, pumps or even thermostats with multiple schedules and support for Demand Control.

The ezeio is a control and monitoring solution designed from ground up for the Internet, where security and immediacy comes first, and it puts you in charge of your data and systems.

Temperature
Pressure
Flow
Energy
Power
Motion
Count
Level
Light
Position
..or any other type of sensor

Outputs can control..
Fans
Heaters
Compressors
Pumps
Lights
Indicators
Chimes
Valves
Doors

ezeio System highlights

- ✔ **No servers, software or integration needed**
- ✔ **Live and historic access to field data**
- ✔ **Control/reconfigure in real time via the web**
- ✔ **Alarms via email, SMS, Voice and more**
- ✔ **Easy to use schedules, timers and local logic**
- ✔ **Design your own dashboard view**
- ✔ **Single login to access any number of systems**
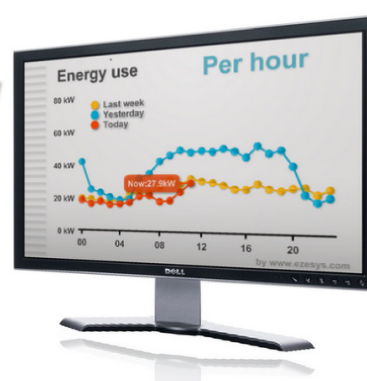
The ezeio is ideal for:

- ✔ **Refrigeration alarms**
  Temperature logs, High temp alarm, Door alarm
- ✔ **Energy monitoring**
  Monitor multiple circuits, LEED points
- ✔ **Thermostat control**
  Remote access to scheduling, Demand Control
- ✔ **Intelligent automation**
  Fan control, unlimited logic, remote access

Real time web interface   **Automatic PDF reports**   **Big screen visualization**

EZEIO CONTROLLER
more than a data logger

The ezeio controller is a general purpose control system that is integrated with ezeControl.com, a cloud back-end management system.

Storing the data and configuration in the cloud makes the system very secure and easy to work with. The system supports multiple users with different access levels, remote support and both live and historic data access via standard web browsers.

Technical specs

Dimension:	6.0 x 3.9 x 1.5 in 153 x 100 x 38 mm
Weight:	Approx 0.5lb (220g)
Power supply:	8-25VDC, <1W avg, 12VDC adapter included
Environment:	32-120F / 0-50C, non condensing
Inputs:	4 inputs on screw terminal configurable for voltage, switches or current loop 0-10V, 10mV resolution 0-30mA, 32uA resolution
Outputs:	2 relay outputs on screw terminal Form C (1 pole switching) Max 2A / 50V
Expandability:	Up to 40 inputs, 40 outputs.
Network:	Standard Ethernet, TP 10/100, RJ45 DHCP address, preconfigured for cloud servers. GSM/3G modem (optional) 128 bit encryption, typical <5MByte/month
ModBus:	RS485 @ 9k6/19k2 bps, Modbus RTU master. Compatible with wattmeters, thermostats, relay modules, VFD's.
Sensor network:	MicroLAN, up to 20 sensors, RJ12 jack
Data logging:	Individual log interval per input. 10s - 4h. Automatically transferred to servers for access & backup.
Input triggers:	Up to 4 alarms per input with alarm/restore thresholds and holdoff timers. Each alarm can activate up to four actions (sending messages, controlling outputs or other local functions)
Schedules:	Up to 20 schedules each with four intervals and weekday flags.
Timers:	Up to 20 timers, hourly, daily or monthly with repeat counters.
Scripting:	C-like syntax. Support for events, floating point math, string manipulation and communication. Up to 64kB compiled code. Compiler/editor in web UI.

Incredibly easy to get going!

1) **Connect sensor(s), Network and Power**
2) **Log in at www.ezecontrol.com**
3) **Access your system in real time**

No need to configure firewalls or routers, no IP address to keep track of, no software to install. Very secure and very easy - the way it should be!

ezeio works with

✔ **ModBus energy meters**
   Continental Controls, DENT, ABB, IME, CarloGavazzi, Circutor and more..

✔ **Pulse meters**
   Standard S0 pulse from kWh meters, gas meters, water meters etc.

✔ **Thermostats**
   T32P slim ModBus enabled thermostat supports 2 stage heat/cool, heat pumps and more

✔ **Analog sensors**
   0-10V, 0-5V, 4-20mA industry standard sensors

✔ **MicroLan**
   Pre-calibrated temperature sensors, input and output expansion modules

Contact us for a demo

Give us a call at **888-393-9330** and we'll be happy to give you a personal walk-through of the system.

All you need is a web browser!

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