

# Web-IO Analog-In

Gather, monitor and archive analog measurement values over the Internet/Intranet

## Step 1: Startup



W&T devices quickly integrated into the network using WuTility.

## Step 2: You're off and running

### Read analog measurements directly in your browser

Analog measurements can be displayed directly in your Web browser.

### Visualize live values using Java applet

With the integrated Java applet and the sample page pre-installed in the unit, measured values can be displayed to seconds of accuracy and automatically refreshed.

### Monitor levels

The level of the tank in a production facility needs to be monitored. The responsible production manager needs to be informed via e-mail as soon as the level reaches a critical value.

### Sending messages from a truck scale over the network

The measuring transducer sends the weight of the truck back to the Web-IO Analog-In in the form of a 0...20mA signal. The Web-IO Analog-In saves the data to an FTP server.

## Step 3: Integration into your system

### Room air monitoring with Web-IO Analog-In + CO<sub>2</sub> sensor

The combination of a Web-IO Analog-In with a CO<sub>2</sub> sensor allows you to conveniently monitor the air quality of a room.

### Get analog measurement values onto the network using measuring transducers

Get any analog measurement value onto the network using measuring transducers and save your data directly to a database.

### Retrieve and display multiple measurements using PHP

Acquire measurements from multiple devices and display them on a single Web page using PHP

### Visualize in a browser using JavaScript

The value measured by the Web-IO can be easily visualized on a Web page using JavaScript and a few images. Incorporation of the Web-IO applet provides for continuous updating of the display.

We have provided a few copy&paste examples for you already:

#### Value display using an analog instrument

- Display of a voltage value
- Display of a current value
- Display of two values (volts and/or amperes)

#### Digital display

- Display of one value
- Display of two values

### Visualize measured values with RRDTOol

Write analog measured values directly to a Linux server into an RRDTOol database and create individual information graphics.

### Publish Web-IO's in the Internet via DSL

Dynamic IP addresses, NAT and other things you need to know.

### Connect to a wireless LAN

Incorporation of Web-IO Analog-In in WLANs with Ethernet client bridges.



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