

Application overview

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 + CO₂ sensor

The combination of a Web-IO Analog-In with a CO₂ 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.



[We are available to you in person:](#)

Wiesemann & Theis GmbH
Porschestra. 12
42279 Wuppertal
Phone: +49 202/2680-110 (Mon.-Fri. 8 a.m. to 5 p.m.)
Fax: +49 202/2680-265
info@wut.de

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