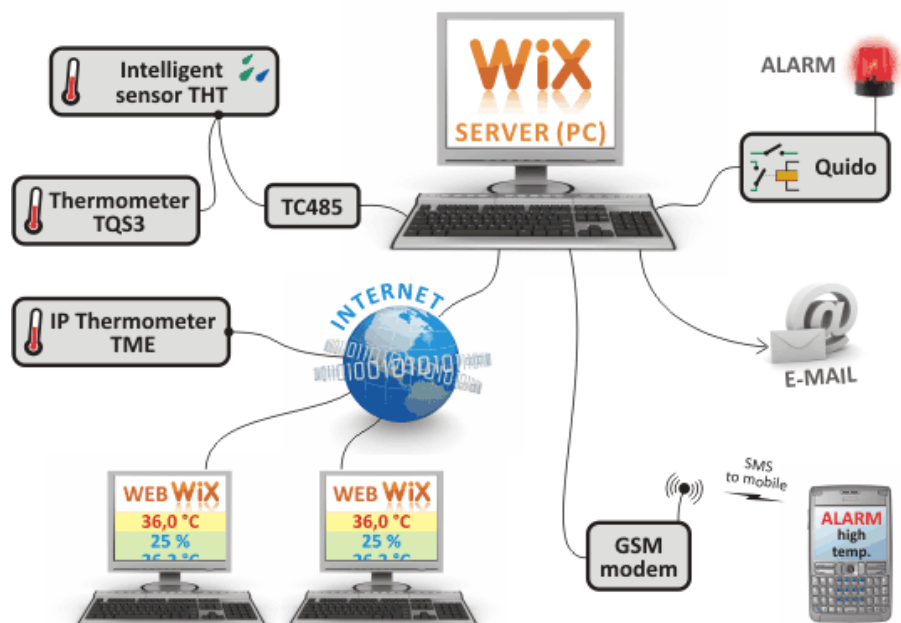
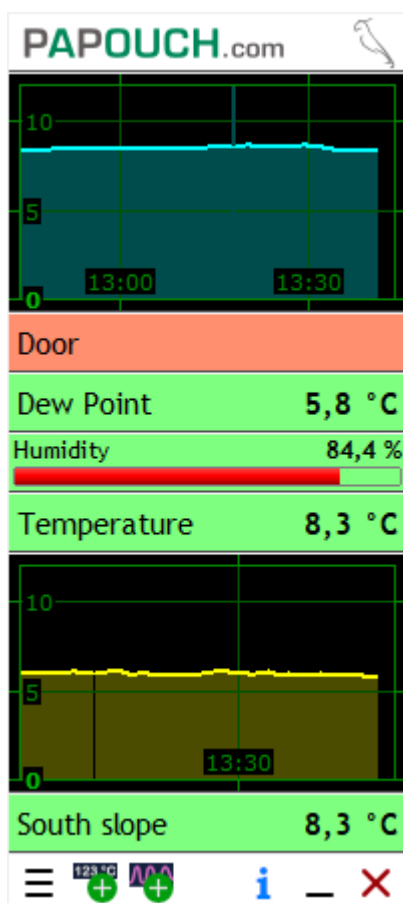




# Wix

Universal monitoring  
and control software



# Wix

## Datasheet

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## ABOUT WIX

**Wix software can measure and control a wide range of devices - from thermometers and hygrometers, to anemometers, to inputs and outputs on Quido I/O modules or general MODBUS RTU devices. Depending on the monitored variable, various follow-up actions can be performed according to the current value - from simply alerting the user with an alert window, to switching an output on another Quido I/O module or sending an email, to sending an SMS alert directly to a mobile phone.**

Wix can communicate with devices via RS232, RS485, USB and Ethernet (Internet).

### Main functions

---

- Display of current values from connected devices.
  - Numeric value display.
  - Display of a color bar (bar graph) with color according to the current value.
  - Display text according to the current value.
  - Chart view.
- Saving the measurement history to a text file for subsequent processing or evaluation.
- Actions on set events.
  - Sending an email
  - Switching off the output (relay) on the Quido
  - Resetting the counter on the Quido input
  - Sending SMS

### System requirements

---

Operating system Windows 7 or Windows 10

RAM..... 40 MB

Disk space ..... < 10 MB

For an up-to-date **list of the devices Wix works with**, visit [en.papouch.com/wix](http://en.papouch.com/wix).


## INSTALLATION

No need to install Wix. Just copy it to your computer and run it. (To store the measured data, the program creates a subdirectory called Data and creates new files in it.)

When the program is first launched, Wix will try to connect to the server [papouch.com](http://papouch.com) and retrieve the outdoor temperature at our company's headquarters, which we measure [TH2E sensor](#). If it succeeds (the computer with Wix has Internet connectivity), it will start displaying the measured temperature. This function serves as a demonstration of Wix's measurement capabilities, and allows us to test the program without having to own any compatible devices.

### How to add a new device

The following example illustrates the addition of the [TH2E](#) smart sensor, which is a thermometer with hygrometer and Ethernet connection.

- 1) Press the button  on *Settings panel* or right-click on the program window and select *Add > Device*.

### Window Device type

- 2) *The Device Type* window opens, where you first enter any *Device Label* and then select a *Device Type* from the list. In our case, we will select the TH2E sensor from the *Thermometers* section.

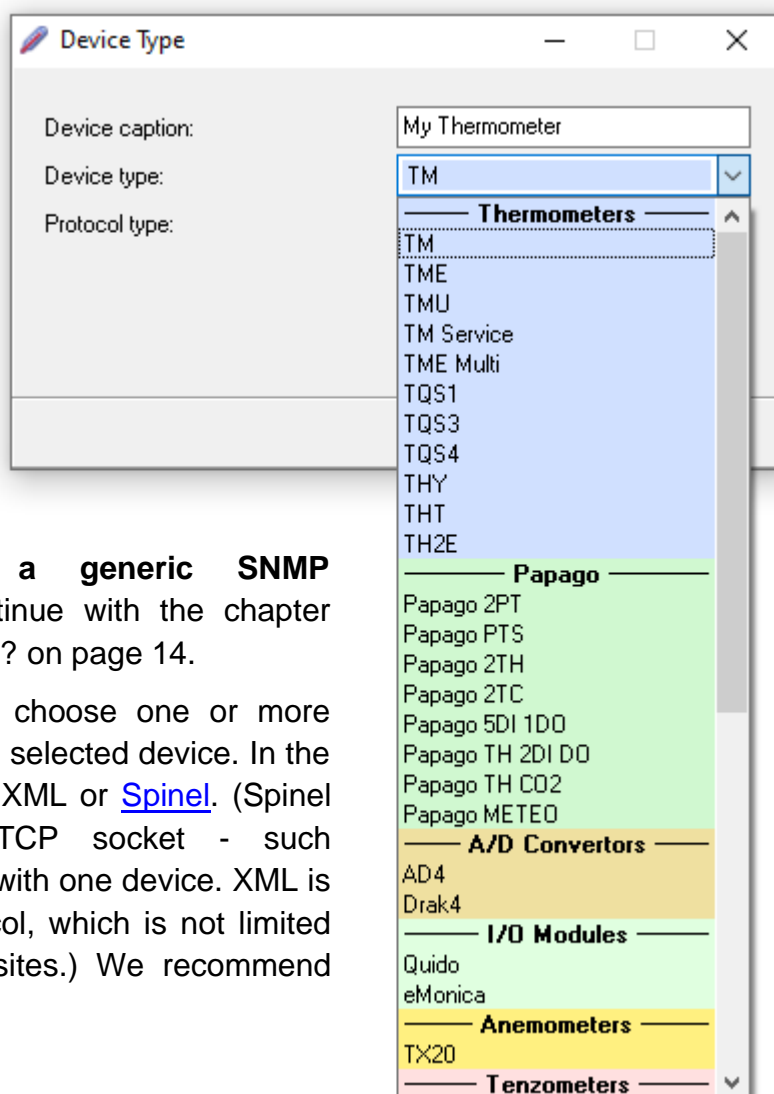
#### Do you want to add a generic Modbus device?

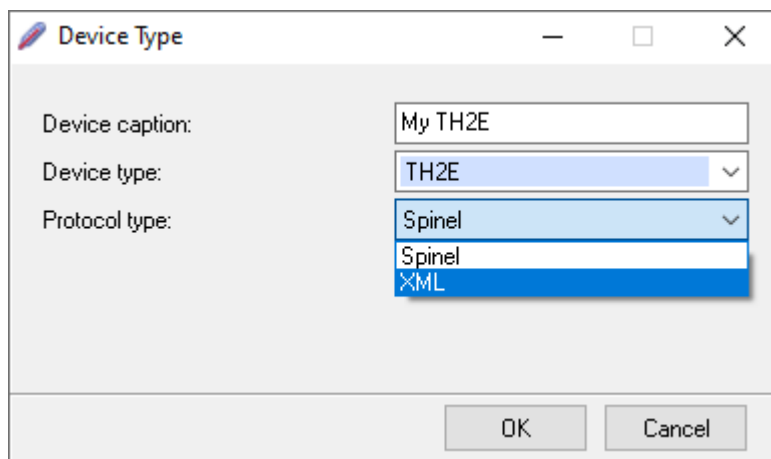
Continue with the chapter *How to add a new device with Modbus?* on page 11.

#### Do you want to add a generic SNMP communicating device?

Continue with the chapter *How to add a new SNMP device?* on page 14.

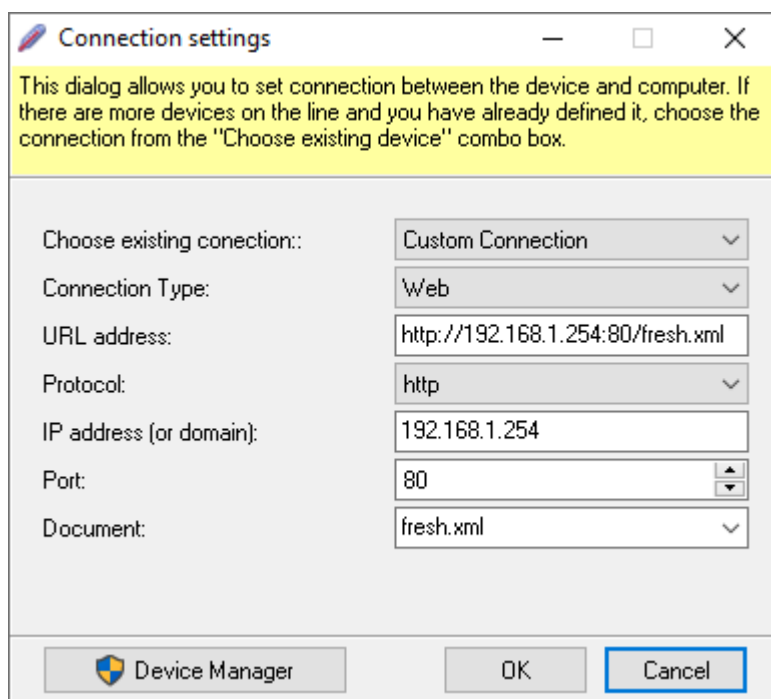
- 3) As a *Protocol Type*, you can choose one or more options to communicate with the selected device. In the case of TH2E, the choices are XML or [Spinel](#). (Spinel means communication via TCP socket - such communication is only possible with one device. XML is communication over http protocol, which is not limited by the number of connected sites.) We recommend selecting XML.





## Connection Settings window

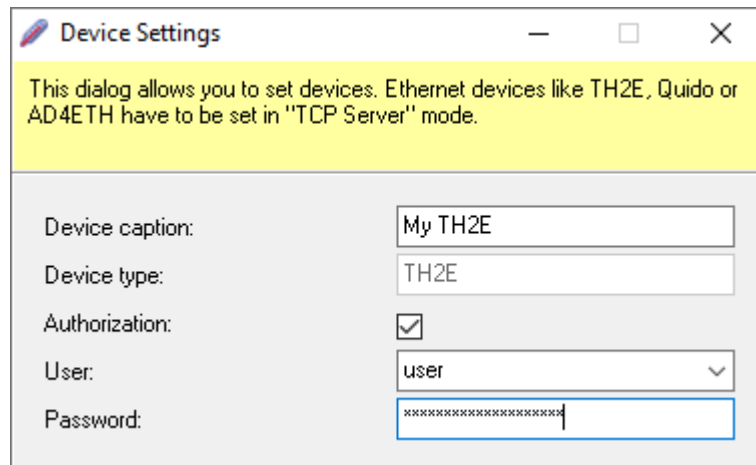
- 4) In the following *Connection Settings* window, you can select an existing connection method or add a new one.



- a. Select *Existing Connection* > *Custom Connection* - or *New Connection* - select if you don't yet have any communication set up in Wix on the same communication link or the same IP address and port.
  - b. Select *Existing Connection* > *Existing Connection* if you already have a previously defined connection on the same communication link or the same IP address and port.
- 5) It is possible to insert directly the address of the XML file with the actual data from the device as the *URL*, or to set the *Protocol*, *IP address (or domain)*, *Port* and *Document* items in and the *URL* will be built according to them.

## Device Settings window

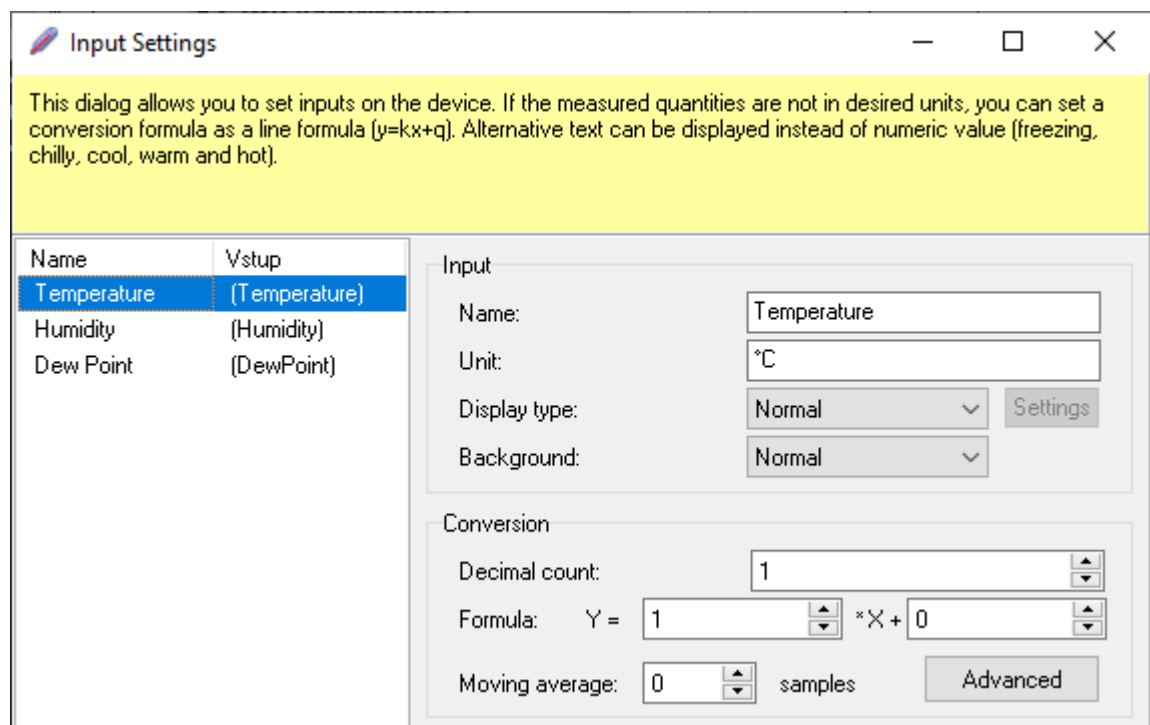
- 6) The *Device Settings* window sets the specific device that is connected through the connection we just set up in the previous window.



- 7) If your device connection is secured with a username and password, you can enter it here to give Wix access to your data. Check the *Authorization* box - this will open the *User* and *Password* fields.

### Input Settings window

- 8) The *Input Settings* window sets the parameters of individual variables (inputs) from the device, as well as the Wix Conversion, which allows you to adjust the values by your own calibration using a line equation.
- 9) For each variable (input) it is possible to set the *Input Name*, *Unit*, *Display Type* and *Panel Background Type*.



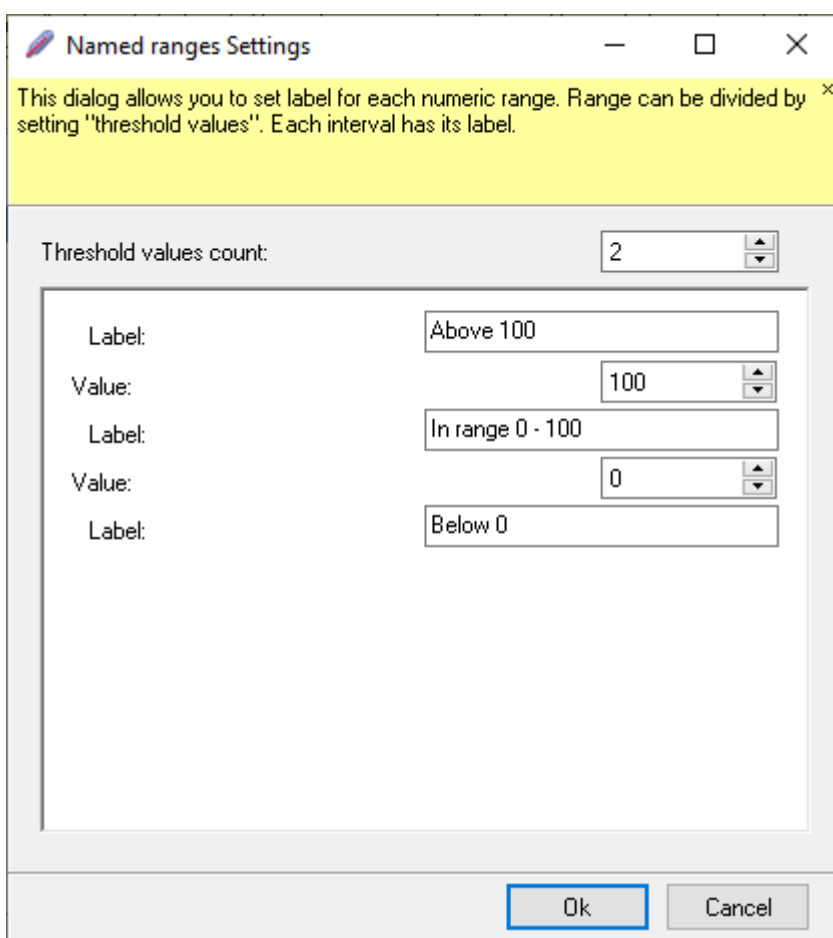
- 10) The following items are available as *Display Type*:
- Normal:** In this view, the name of the variable and the current value are displayed in the Wix taskbar.

Dew Point	8,7 °C
Humidity	81,9 %
Temperature	11,7 °C

- b. **Named ranges:** This is the text that is displayed in the main window instead of the measured value. This function is useful for example for Quido. To prevent the door contact status from being displayed as 0 and 1, you set a label text. The door status can then be displayed as *Closed door* or *Open door*, for example.

Door      Closed

For analog variables such as temperature, the entire range can be divided not just into two, but into an "unlimited" number of parts and each part assigned a label text. For example: *very cold*, *frost*, *freezing*, *cold*, *pleasant*, *warm*, *hot*.

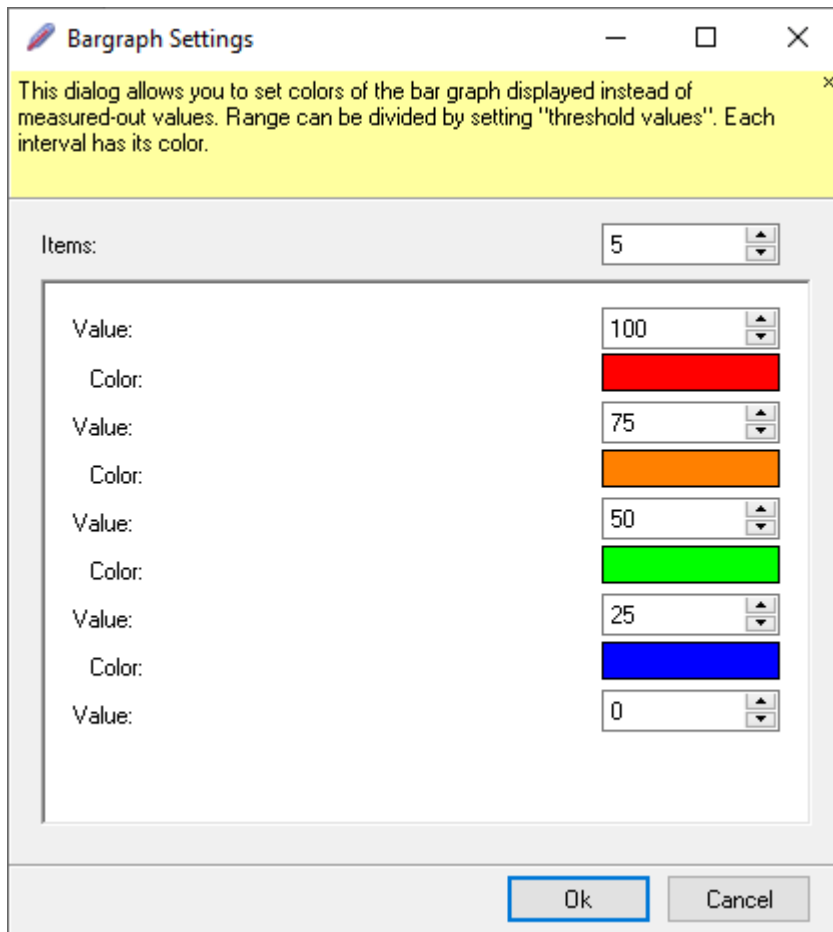


- c. **Bargraph:** a horizontal bar of color - most commonly used, for example, as an indicator of file copy progress.

Humidity      81,7 %

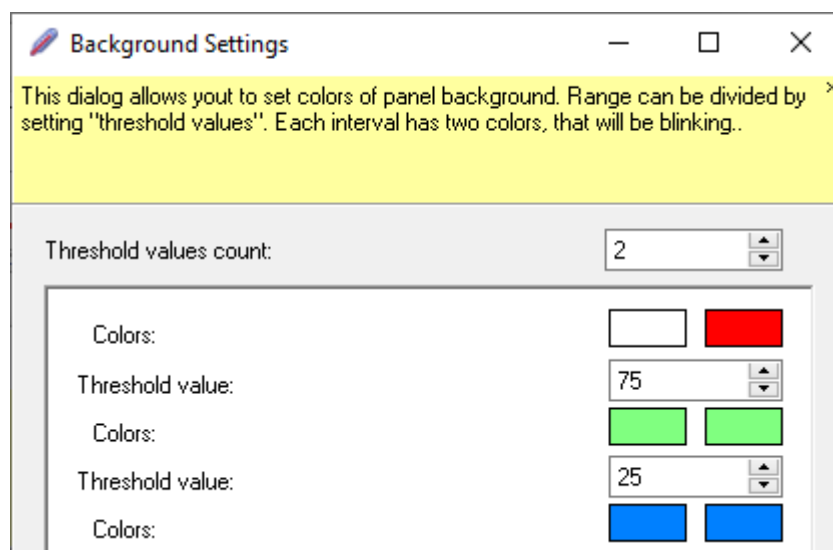
The *Set* button allows you to configure in more detail the range in which the bargraph should change its value. You can also set different colors for the bar-graph and assign them to different parts of the range. By the color and size, you can, for example, tell at a glance whether the voltage of the diesel generator is OK or whether there is a fluctuation.





11) You can select the following values as the *Panel Background Type*:

- a. **Normal**
- b. **Custom color:** Here you can choose a custom background color for the panel with this variable.
- c. **Flashing background:** Use the *Set* button to open a dialog with color options. Different colors can be set for different ranges of values. In some ranges you can set two different colors so that the background flashes. In others you can leave both the same so the background does not flicker.



12) The parameters in the *Wix Conversion* section allow two types of mathematical adjustment of the measured value:

- a. **Convert to a different range: for example**, if the connected device only shows a general value in the range 0 to 10000, you can use *Wix recalculation* to change the range to a more readable display. For example, if it's a level meter, you set the conversion and Wix will show the value converted to meters. By clicking on *Advanced*, you can define the calculation not only with an equation, but also with a line equation. The input range is X1-X2, the output range is Y1-Y2. The entered values are converted to a line equation.

**Wix recalculation**

Equation calculation

Y = 0,0016 \* X + 4

Equation defined by line

X1 = 0 Y1 = 4

X2 = 10000 Y2 = 20

Value bounds:  
Input values will be limited between X1 to X2.  
Output values will be between Y1 to Y2.

Ok Cancel

- b. **Averaging** using a *moving average*. Simply specify the number of samples to be used for the moving average.

**Wix conversion**

Decimal count: 1

Conversion: Y = 1 \* X + 0

Moving average: 0 samples **Advanced**

13) This completes the process of adding a new device to Wix.

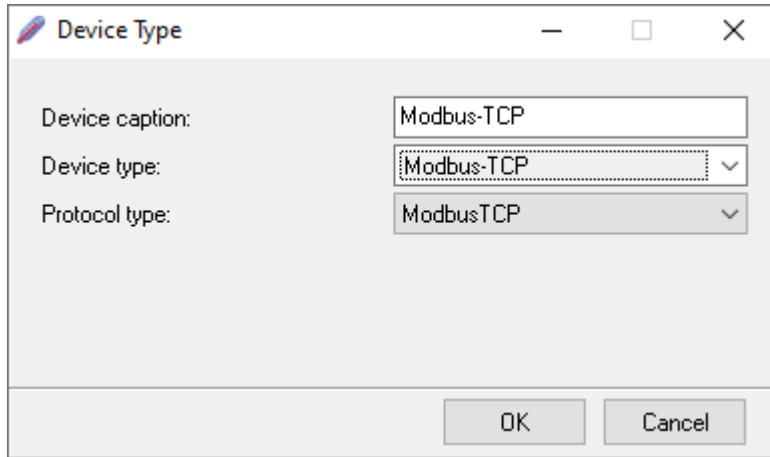
All variables provided by the device are automatically added to the Wix main dashboard.

## How to add a new device with Modbus?

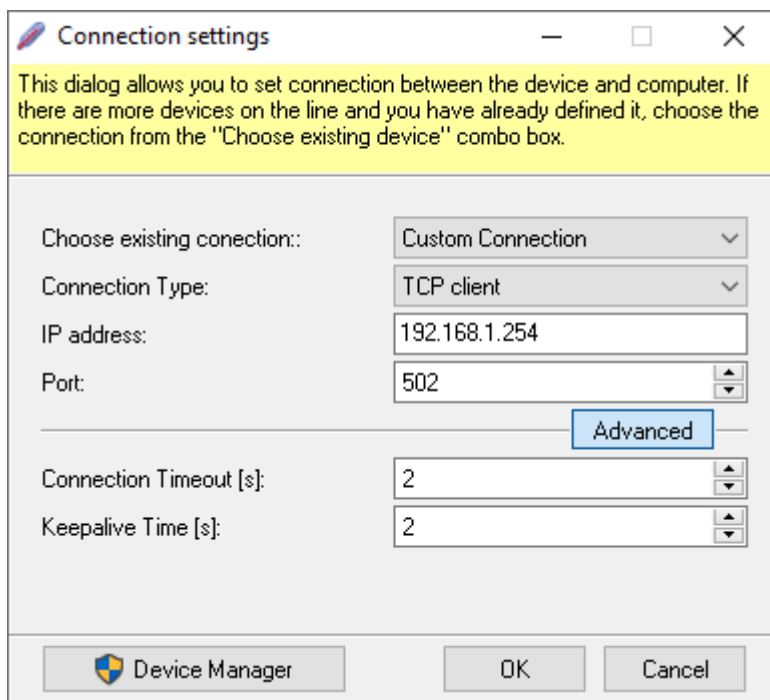
Modbus communication is **not available** in the **free version** of Wix.

### Devices with Modbus TCP

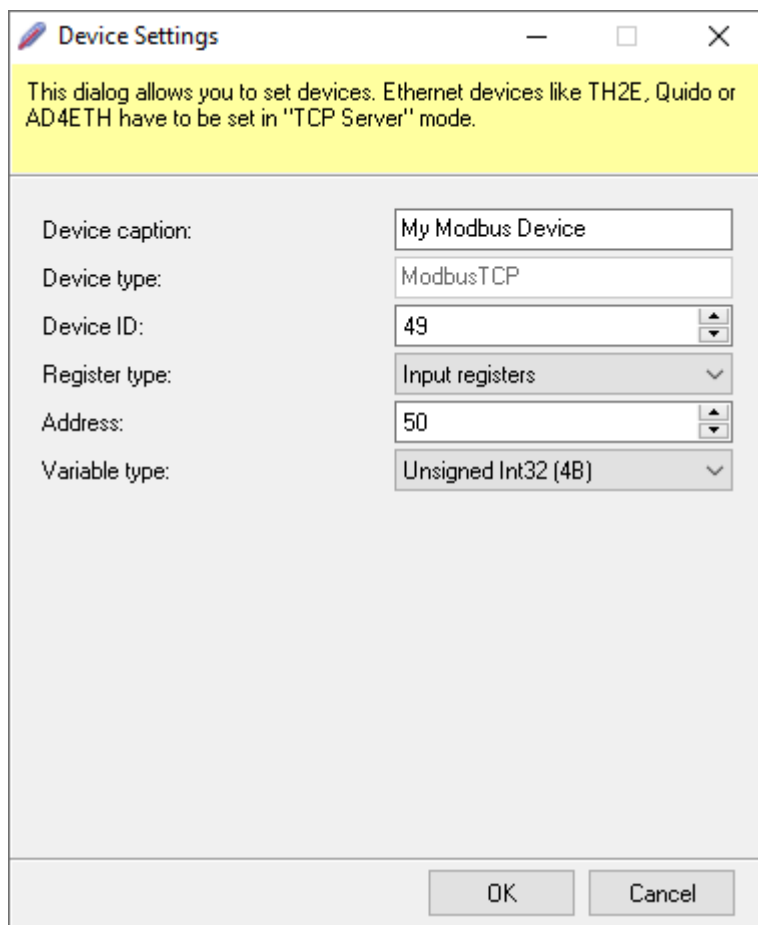
- 1) Select *Modbus-TCP* as *Device Type*.



- 2) In the next *Connection Settings* window, enter the *IP address* of your device and the *Port* on which the device communicates via Modbus TCP.



3) In the next window, set the *device ID* and the Modbus register to be read from the device.



Device Settings

This dialog allows you to set devices. Ethernet devices like TH2E, Quido or AD4ETH have to be set in "TCP Server" mode.

Device caption: My Modbus Device

Device type: ModbusTCP

Device ID: 49

Register type: Input registers

Address: 50

Variable type: Unsigned Int32 (4B)

OK Cancel

- **Device ID:** Device identifier according to the device manual. 49 is usually the default setting.
- **Register type:** type of Modbus registers in the device. Select one of the following options:
  - a. Holding registers
  - b. Input registers
  - c. Discrete inputs
  - d. Coils
- **Address** is the address within the selected *Registry Type*. The first register has the number 0. The register will be read from this address and also one or more subsequent addresses depending on how long the *Value Type* is selected.
- **Variable type** must be selected according to the type of the stored variable. The specific type is specified in the device manual. Note that an inaccurately selected *Value Type* may cause incorrect data to be displayed! Wix cannot recognize that the user has selected the wrong *Value Type*! The following options are available as Value Type:
  - a. Signed Int16 (one register) - 16bit signed number
  - b. Unsigned Int16 (one register) - 16bit unsigned number
  - c. Signed Int32 (two registers) - 32bit signed number

- d. Unsigned Int32 (two registers) - 32bit unsigned number
- e. Float (two registers) - 32bit decimal number
- f. Signed Int32 Swapped (two registers) - 32bit signed number with registers in reverse order
- g. Unsigned Int32 Swapped (two registers) - 32bit unsigned number with registers in reverse order
- h. Float Swapped (two registers) - 32bit decimal number with registers in reverse order

4) Continue with the settings under the heading Input Settings window on page 7.

## Devices with Modbus RTU

1) Select *Modbus-RTU* as *Device Type*.

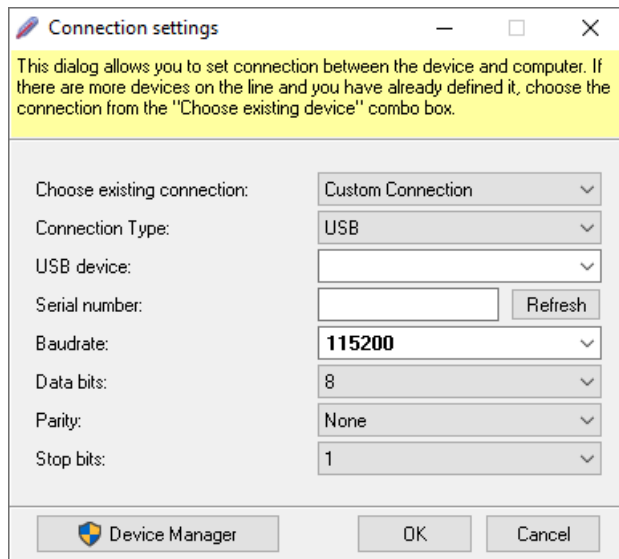
The 'Device Type' dialog box shows the following configuration:

- Device caption: My measuring device
- Device type: Modbus-RTU
- Protocol type: Modbus

2) The next *Connection Settings* window changes according to the *Connection Type* selected. Modbus RTU can be on *Serial line*, *TCP network* or via *USB*. Depending on the *Connection Type* selected, enter the communication parameters of the device, which are listed in the device manufacturer's manual.

The 'Connection settings' dialog box is shown in two states:

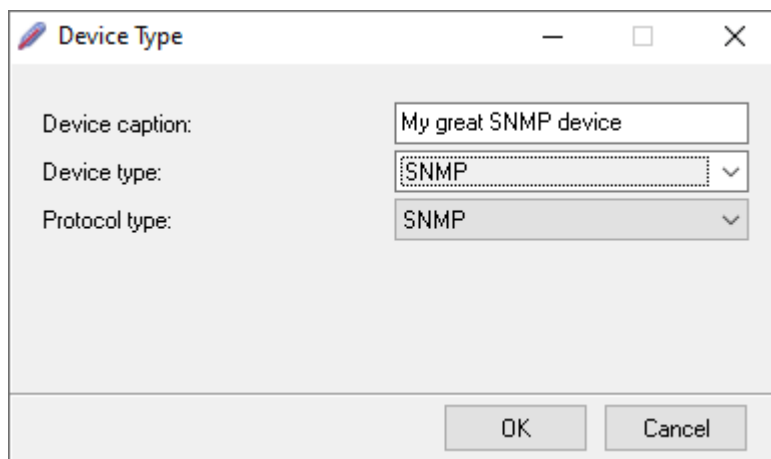
- Left Screenshot (Serial port):**
  - Choose existing connection: Custom Connection
  - Connection Type: Serial port
  - Port: [Empty]
  - Baudrate: 9600
  - Data bits: 8
  - Parity: None
  - Stop bits: 1
- Right Screenshot (TCP client):**
  - Choose existing connection: Custom Connection
  - Connection Type: TCP client
  - IP address: 192.168.1.254
  - Port: 10001
  - Advanced button: Visible
  - Connection Timeout [s]: 5
  - Keepalive Time [s]: 5



3) Continue with the *Device Settings* window described in 3) on page 12.

## How to add a new SNMP device?

1) Select *SNMP* as the *Device Type*.



- 2) In the *Connection Settings* window, select the *IP address* and *Port* your device is on.

**Connection settings**

This dialog allows you to set connection between the device and computer. If there are more devices on the line and you have already defined it, choose the connection from the "Choose existing device" combo box.

Choose existing connection: Custom Connection

Connection Type: UDP

IP address: 192.168.1.254

Port: 161

Advanced

Connection Timeout [s]: 5

Keepalive Time [s]: 5

Device Manager OK Cancel

- 3) In the device settings window, the OIDs that Wix should work with are entered, as well as the SNMP version and authorization.

**Device Settings**

This dialog allows you to set devices. Ethernet devices like TH2E, Quido or AD4ETH have to be set in "TCP Server" mode.

Device caption: My great SNMP device

Device type: SNMP

Community: public

OID list: 1.3.6.1.4.1.18248.16.1.2.0

Version: v3

Authentication: SHA1

User:

Password:

Security: AES

Key:

OK Cancel

SNMP versions available: v1, v2c, v3


The *Authorization* choices are *None*, *MD5* and *SHA1*.

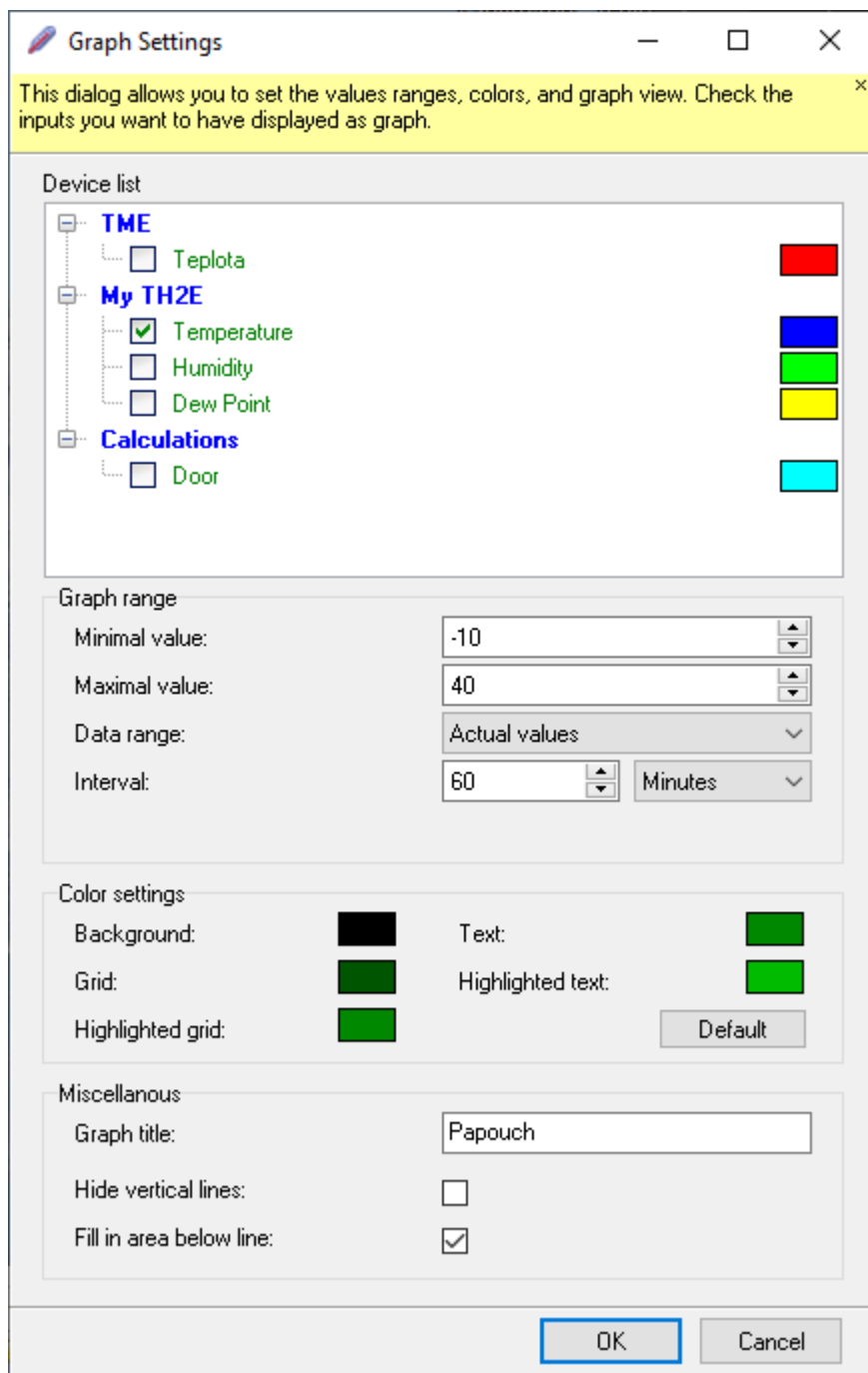
*Security* can be selected from *None*, *DES*, *3DES* and *AES*.

- 4) Continue with the settings under the heading Input Settings window on page 7.

## How to add a chart?

(You must have at least one device set up in Wix before adding a chart.)

- 1) Press the button  or right-click on the program window and select *Add/Graph*.
- 2) *The Chart Settings* window opens, where you first select one or more devices to be displayed in the chart and assign different colors to them.



- 3) You can set a vertical span as the *Chart Range* and also a horizontal time span. The *time span* is entered in seconds, minutes, hours or days.
- 4) As a *Time Range* chart you can choose from the following options:
  - a. **Actual values:** measurements for the last *Time span* will be displayed.

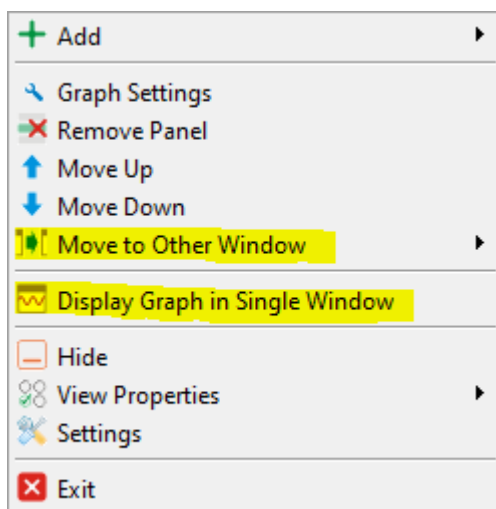


- b. **History records:** in this case, historical data from a fixed period of time will be displayed.

Data range:	History records ▾	
From:	08:00:00 ▾	06.01.2023 ▾
To:	16:00:00 ▾	06.01.2023 ▾

5) This completes the addition of the chart.

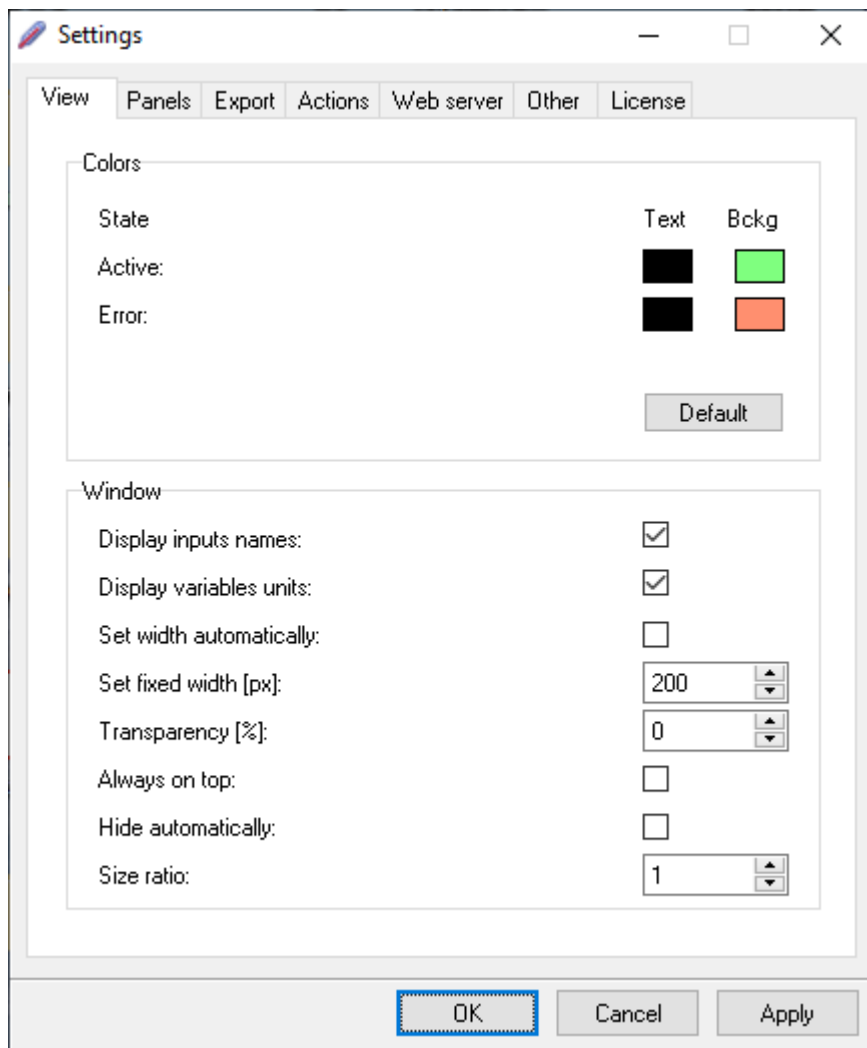
Hint: It is possible to separate the graph from other variables in a separate window. Just right-click on the chart and select *Show chart in separate window* or *Move to another window* (meaning another Wix window). The chart will be separated and you can work with the chart in its own window.



## SETTINGS

Wix settings can be accessed via the tool's icon on the taskbar or via the *Settings* item in the context menu. The different setting areas are organized into panels.

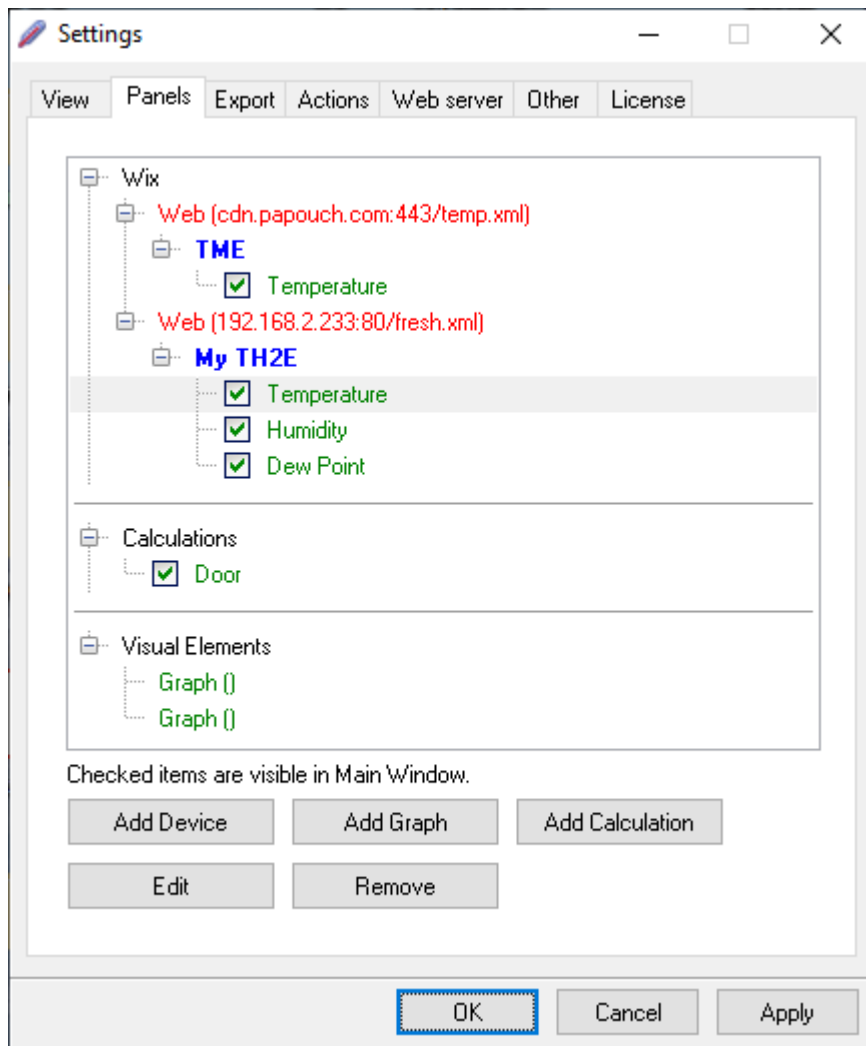
### View



In addition to the colors and basic display parameters of the Wix main window, don't overlook the **Size ratio** item - this value allows you to magnify the main window display. This is handy for displaying on terminals or for readability from a distance.

## Panels

All module settings that appear in the main Wix window are available here. There is an option to *Add Device* or *Add Chart*. These options are described in the previous chapter. An interesting item is the *Add Calculation* option, which is an operation on the inputs or values.



## Calculations

The calculation is displayed in Wix like any other input value (for example, temperature from a thermometer). It has *Name*, *Unit*, *Display type*, *Background*, *Conversion* (see Input Settings window on page 7).

**Input Settings**

This dialog allows you to set inputs on the device. If the measured quantities are not in desired units, you can set a conversion formula as a line formula ( $y=kx+q$ ). Alternative text can be displayed instead of numeric value (freezing, chilly, cool, warm and hot).

**Input**

Name:

Unit:

Display type:

Background:

**Conversion**

Decimal count:

Formula:  $Y =$    $* X +$

Moving average:  samples

**Calculation settings:**

Calculation type:

The input values for the calculation can be any value from the connected devices or some other calculation. The following options can be selected as *Calculation Type*:

### 1) Weighted sum

**Calculation Settings**

Inputs count:

	coefficients	inputs
Input 1:	<input type="text" value="2"/>	<input type="text" value="Temperature - My TH2E"/>
Input 2:	<input type="text" value="1"/>	<input type="text" value="Formula 1 - Calculations"/>

## 2) Weighted product

The 'Calculation Settings' dialog box shows the following configuration:

- Inputs count: 2
- Input 1: exponent 1, input 'Dew Point - My TH2E'
- Input 2: exponent 1, input 'Humidity - My TH2E'

Buttons: Ok, Cancel

## 3) Difference per time interval

The 'Calculation settings' panel shows the following configuration:

- Calculation type: Difference in the time interval
- Input: Dew Point - My TH2E
- Interval [s]: 60

## 4) Digital value

The 'Calculation settings' panel shows the following configuration:

- Calculation type: Digital value

The 'Output settings' panel shows the following configuration:

- Turn on:
  - Permanently
  - For a period [s]: 1
- Turn off:
  - Permanently
  - For a period [s]: 1

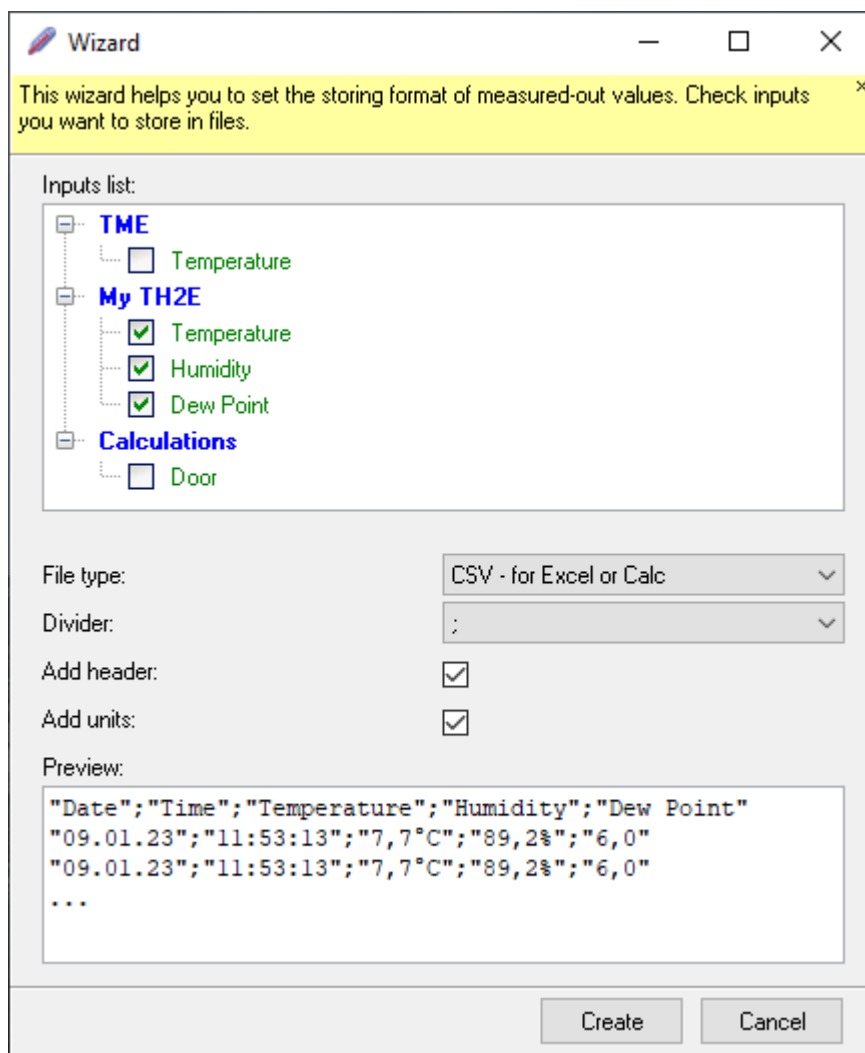
## Export: storing values – logging

The storage configuration is accessible through any Wix panel. In the *Settings* context menu, go to the *Export* tab. There is a list of the current tasks. Tasks that are active have a box checked at the beginning of the row.

You can edit jobs with the *Edit* button or add a new task with the *Wizard* or *Add* buttons.

## Export Wizard

After pressing this button, the *Wizard* window opens first, where it is first necessary to select the input variables to be stored in the file.

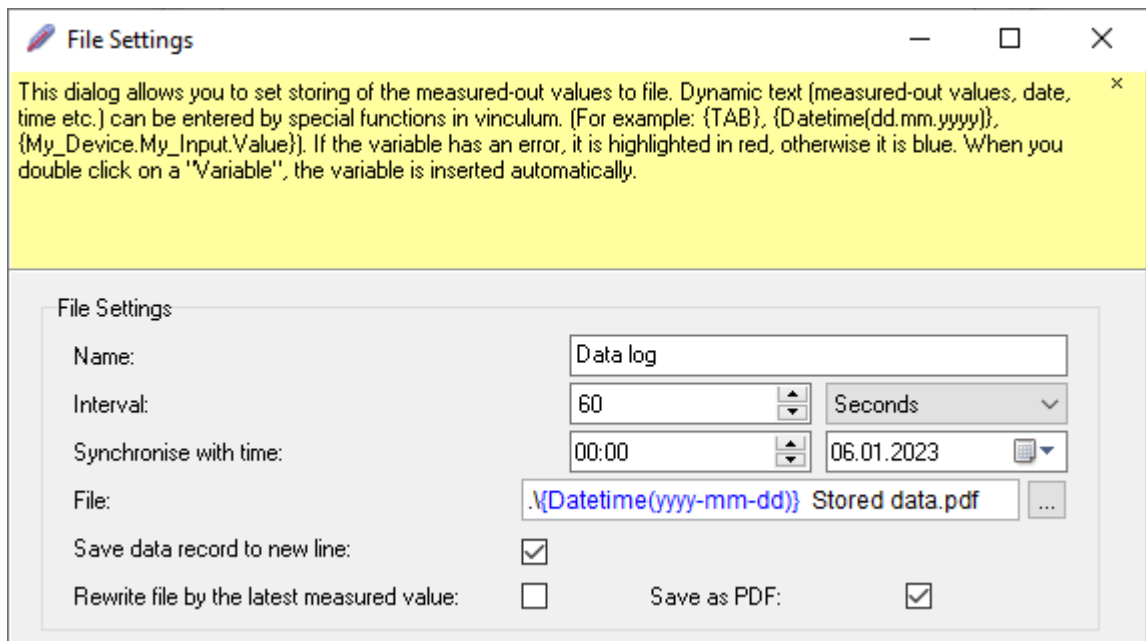


Then select the *File Type* and the method of separating records in the text file by selecting *Divider*. All changes are immediately reflected in the preview at the bottom of the window.

In the wizard, continue with the *Create* button, which opens the custom log storage configuration, as described below.

## Export settings

In the upper part of the window, you set the name of the task (*Name*), the save interval (*Interval*) and the location of the file on the disk, etc.



**Tip:** If you want to keep only the last recorded value in the file, check the option Store only the last measured value.

**Name:** the name of the task in the task list.

**Interval:** The interval for storing values in milliseconds, seconds, minutes, hours, or days.

**Synchronize with Time:** Enter the time from which the set storage interval is calculated. (This is useful when storing over longer time intervals, for example when a regulation requires at which minute to store a temperature record.) For example, if the record is to be saved every hour at the seventh minute, fill in the time as follows:



**File name and location:** in the example in the figure, the file name is a variable with date and time in *yyyy-mm-dd* format (blue) and fixed text (black). The available variables are described later in this chapter. The *Find* button can be used to select the location of the file.

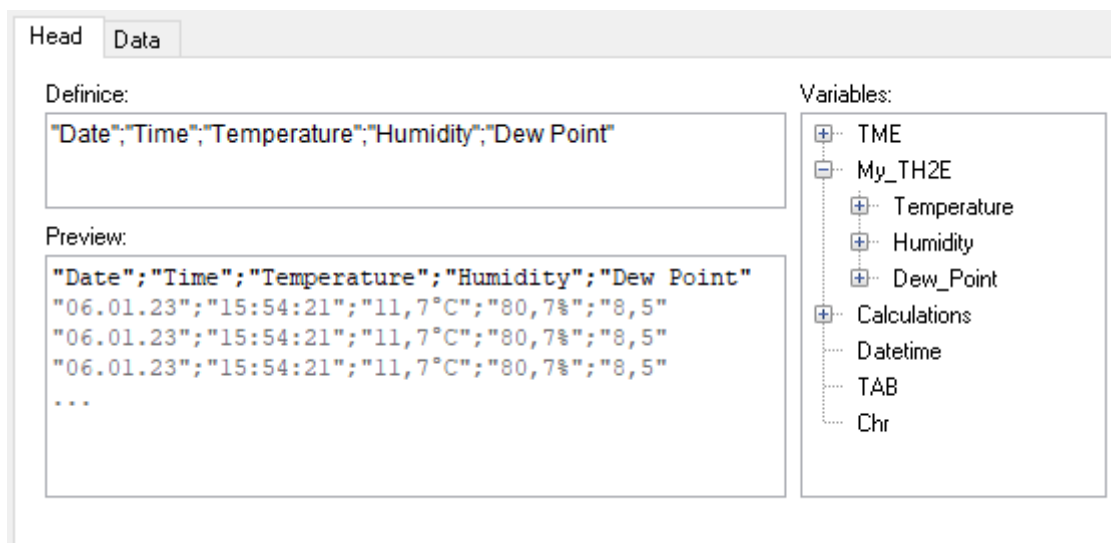
**Save record to next line:** a line break will be inserted before each record.

**Store only the last measured value:** only the last measurement will always be in the file.

**Save as PDF:** The data ready for saving will be converted to PDF format.

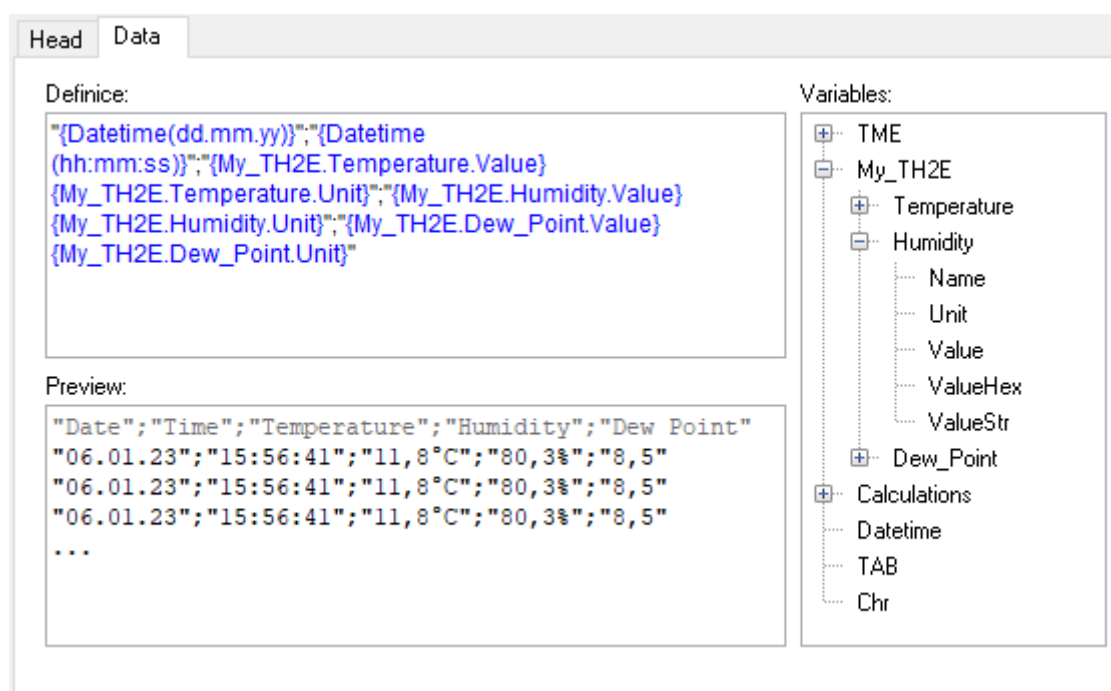
## Header

The header text is set on the *Head* tab. In the header, it is possible to use variables from the *Variables*, which are described below.



## Data

The text formatting of a single record is set on the *Data* page. The text can use variables from the *Variables*, which are described below.



## Variables

Variables are used in the header text and in the data. These are variables from connected devices in different formats and some other variables. Double-clicking on a variable in the list assembles the variable and inserts it in compound brackets at the cursor location in the *Definition* text box.

- *Name*: The name of the variable as it is displayed in the main panel.
- *Unit*: The unit of the quantity according to the setting.
- *Value*: value as a string without a unit.



- *ValueHex*: Value as a hexadecimal number.
- *ValueStr*: Value as output text from *Input Setup > Display Type > Text Representation* (even if the display on the main panel is numeric).
- *Datetime*: Insert the format string for the date and time<sup>1</sup> in brackets. So, for example, a variable with the date and time in standard format according to [ISO 8601](#) would look like this:

```
{Datetime(yyyy-mm-dd'T'hh:mm:ss.zzz'Z')}
```

...and its output will be this text:

```
2020-12-16T10:54:34.613Z
```

- *TAB*: Tab indentation.
- *Chr*: Insert the ASCII decadic code of the character to be inserted into the brackets. So, for example, you would insert a line like this: `{Chr(10)}`

## Actions: action settings

Action means any of the following activities:

- Send email
- Send SMS (via external GSM modem)
- Set the digital output of the [Quido I/O module](#)
- Set analog output
- Reset counter on input [I/O module Quido](#)
- Set display (display on character [TDS LED display](#))
- Export data to web (Send data as http GET to remote server)
- Run batch file (Run bat, exe, etc. with specified parameters)
- Play audio file
- Save record to file

Action configuration is accessible through any Wix panel. In the *Settings* context menu, go to the *Actions* tab. There is a list of current actions. Actions that are active have a box checked at the beginning of the row.

You can edit actions with the *Edit* button or add a new one with the *Add* button.

In addition to the name (*Label*), an action has two basic groups of settings, *Conditions* and *Actions*.

---

<sup>1</sup> Text inserted in single quotes is inserted unchanged, as seen in the example on the letters T and Z. An overview of all date and time format options is available in English here:

<http://docwiki.embarcadero.com/Libraries/Sydney/en/System.SysUtils.FormatDateTime>

**Action Settings**

This dialog allows you to set actions following certain events. Action can be executed one time when the condition is fulfilled or repeatedly, if conditions persist.

Name:

Conditions

Triggered by:

Time range

Minimum duration:

Actions

Execute actions:

## Conditions

The conditions specified here must be met to trigger the action. Either *All conditions (AND)* or *At least one condition (OR)* must be met. You can also set the *Minimum validity period* that the specified conditions must last for the specified actions to be triggered. The time can be specified in milliseconds, seconds, minutes, hours, or days.

To add a condition, use the *Add* button, or edit using *Edit*.

The condition may consist of one of the following:

- Exceeded value: options available as *Measured input value are greater than, less than, in range and out of range.*

- Input error: Entry *Error* and *Entry OK* options are available as an entry condition.
- Time condition
  - The current time is within or outside the specified range

- A specific day or days of the week

Condition: Time condition

Value type: Day of week

Condition: Selected days

Monday  Wednesday  Friday  Saturday

Tuesday  Thursday  Sunday

- A day or days of the month, or the last day of the month

Condition: Time condition

Value type: Day of month

Condition: Selected days

1  5  9  13  17  21  25  29

2  6  10  14  18  22  26  30

3  7  11  15  19  23  27  31

4  8  12  16  20  24  28  Last

- A specific month or months
- Always true (This condition is used together with the periodic triggering of actions - a timer can be obtained. With one-time action triggering, the action is only ran when the program starts.)

## Actions

If the Actions are met, the actions set here are triggered.

Actions

Send get request

Add

Edit

Remove

Execute actions: Repeatedly, if conditions persist

Period: 10 seconds

Executing action synchronize to: Specific date

Synchronize to time: 09:00:00 10.08.2022

In addition to specific actions, **periodic triggering** settings are also available. *Actions can be triggered either Repeatedly, if conditions persist or Once when condition is fulfilled.*

If Periodic triggering is selected, you can specify a specific *Period* in milliseconds, seconds, minutes, hours or days.

Periodic triggering can be *synchronized* to a specific time.

**Add an action** using the *Add* button, or edit it using *Edit*.

**Test the correct settings:** in the action settings windows there is also a *Test action* button, which can be used to test the set action during editing to see if it is set correctly.

Test action

### 1) Send email

Sends an email via the specified SMTP server. The SMTP server must be able to log in without SSL authorization. The message text and subject are constructed from the Variables described on page 24 under the heading Variables.

The editor is accessible under the *Edit Text* button.

## 2) Send SMS

Sends SMS via a modem connected to the computer's serial port. SMS are sent to the specified *Phone number*. *TC35i*, *TC65i*, *EGS5-T*, *BGS5-232*, *BGS3-TUB* or *Other* can be selected as *Modem Type*. (If you select *Other*, it is possible to specify a custom Communication Rate according to the type of modem connected. Wix will try to control it using the AT commands.)

Action: Send SMS

Phone number: 123456789

Modem type: BGS3-TUB

Device serial port number: 1

Baudrate: 115200

Text:

Temperature on {My\_TH2E.Temperature.Name()} is {My\_TH2E.Temperature.ValueStr()} {My\_TH2E.Temperature.Unit ()}.

Number of char. (estimation): 21 / 160  
 Number of characters can increase when dynamic text is used!

Edit the text

## 3) Set digital output (relay)

Turns ON an output of [I/O module Quido](#). The output can be switched on for the duration of the action (*Always*) or only for the specified time (specified in seconds - the maximum is 120 sec).

Action: Set digital output (relay)

Output:

Relay action: Turn on

Duration of relay action:

Permanently

For a period [s] 30

## 4) Set analog output

Sets the specified *Output value* on the D/A module output [DA2ETH](#) or [DA2RS](#). The output value is specified in increments from 0 to 10000.

Action: Set analog output

Output:

Output value: 5000

## 5) Reset Quido counter

This action resets the pulse counter on the selected [Quido I/O](#) input.

Action: Reset Quido counter

Quido counter:

## 6) Show value on external display

This action transfers one of the Wix measured values to the segmented LED display [TDS RS](#) or [TDS ETH](#).

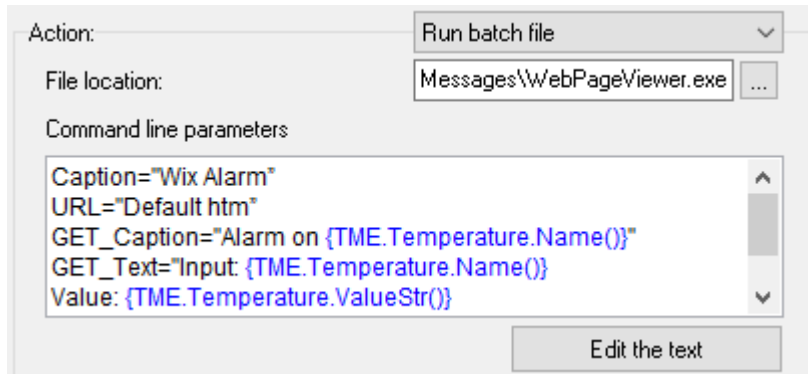
## 7) Send http get

This action can send data as http GET to a remote server.

The entire address can be freely defined in the *URL Text* field, for example as follows:

## 8) Run batch file

This option hides the possibility to run any file (bat, exe, etc.) with the specified parameters.



The following **example use case** will trigger the Wix component that is designed to pop up notification windows. The window that opens when the action is triggered looks like this (the title is flashing):



Enter the following path as *Location and filename*: `Messages\WebPageViewer.exe`

The *batch file parameters* for the above example are as follows:

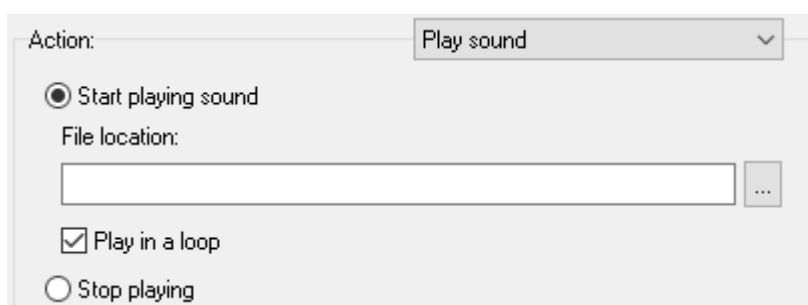
```
Caption="Wix Alarm"
URL="Default htm"
GET_Caption="Alarm on {TME.Temperature.Name()}"
GET_Text="Input: {TME.Temperature.Name()}"
Value: {TME.Temperature.ValueStr()}
Date: {Datetime(d.m.yyyy)}
Time: {Datetime(hh:nn:ss)}"
```

```
Width=400
Height=250
```

The meaning of the parameters can be seen from the example in the window. (*Width* is the width of the window, *Height* is the height.)

## 9) Play sound

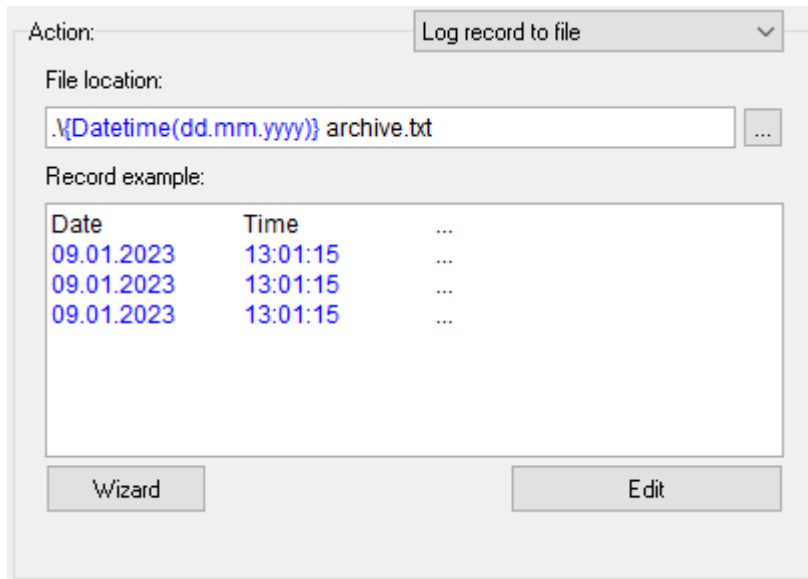
This action can (a) play the sound once, (b) start playing the sound repeatedly, or (c) stop playing the sound.





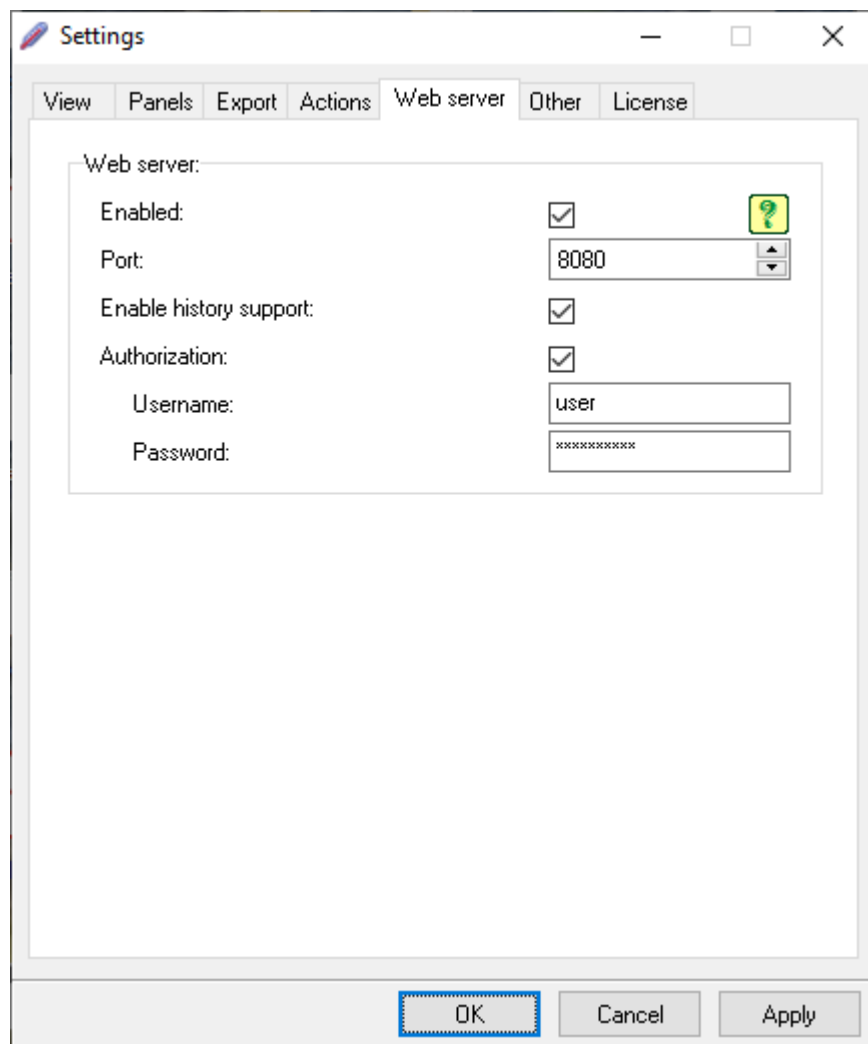
## 10) Log record to file

This action saves the data to a text or CSV file once. The setup principle is identical to logging to a file as described on page 21 from heading Export: storing values – logging.



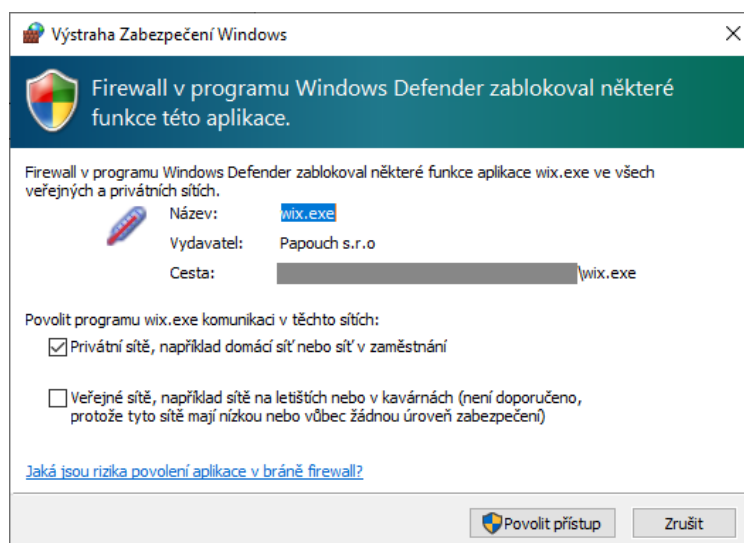
## Web server

The web server will make a simple web interface available at the address of the computer running Wix, with a preview of the current values currently displayed in Wix.

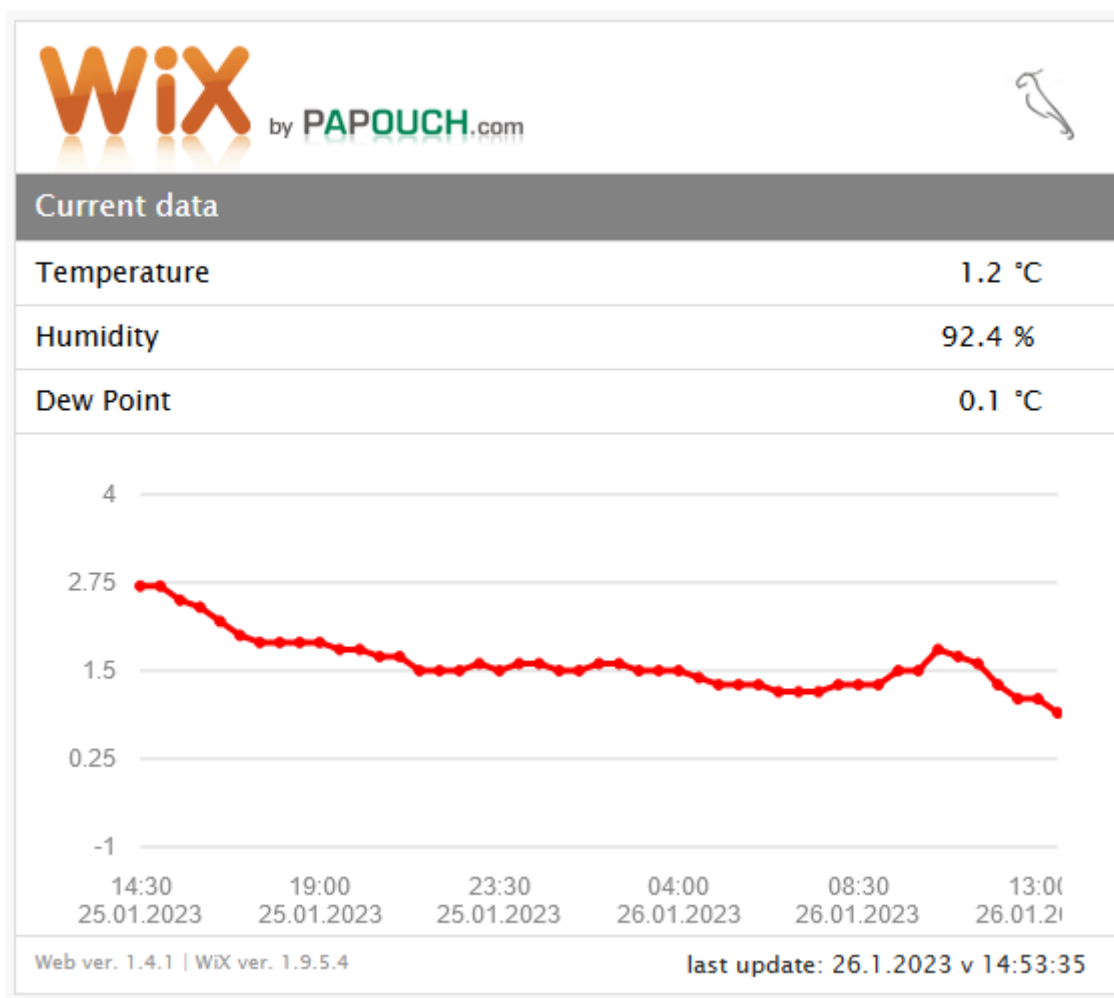


The server is activated with the *Active* checkbox. Set the *Port* as required, as well as the Site Connection *Authorization* (basic base64 authorization without SSL).

When the web server is activated, the system will ask you to open the firewall for this site, because the site will also be available to other computers on the network. Consult your network administrator to see if this is allowed on your network.



The Wix web interface looks like this:

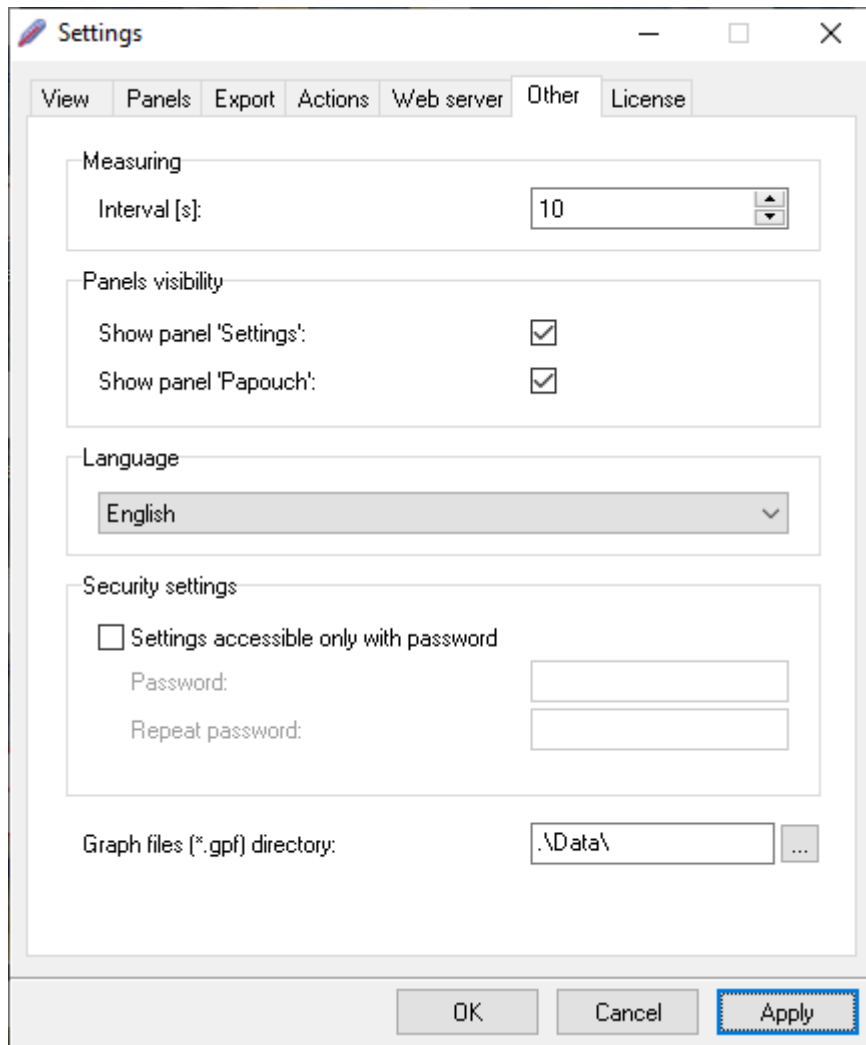


After saving the settings, the website is accessible from a computer running Wix at <http://localhost:8080> (if you have set port 80, you do not need to specify the number).

It can be accessed from computers on the network at the IP address of the computer with Wix and on the configured port. So, for example <http://10.142.20.30:8080>.

## Other settings

There are some additional settings such as the global *Measuring Interval*, which is valid for the whole Wix, and also the option to set the Interface *Language*.

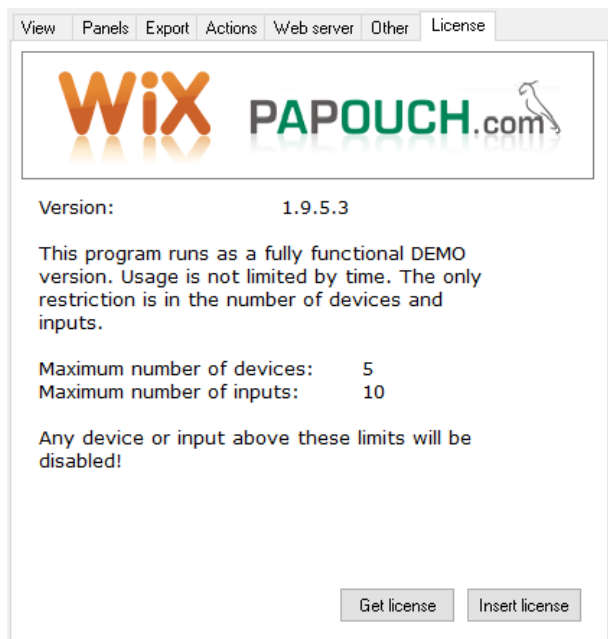


The options *Show panel 'Papouch'* and *Security settings* are not available in the free version.

The free version also displays the *Notify me when free version limit is exceeded* checkbox. If you add additional devices beyond the free version limit, a notification is displayed. If the box is not checked, over-limit devices and inputs do not work without notification.

## License

Here you will see information about the current license and version of the program. Below is a comparison window to compare between the free version and the full version of Wix.



## Differences between paid and free versions

There are the following differences between the free download version and the paid version:

	Free version	Paid version
Maximum number of devices	5	Unlimited
Maximum number of inputs	10	Unlimited
General devices with Modbus TCP	No	Yes
General devices with Modbus RTU	No	Yes
General devices with SNMP	No	Yes
Option to hide the Papouch panel in the main window	No	Yes
Option to lock access to settings	No	Yes







# Papouch s.r.o.

Industrial data transmission, line and protocol converters,  
RS232/485/422/USB/Ethernet/GPRS/WiFi,  
measuring modules, intelligent temperature sensors, I/O modules, electronic applications according to requirements.

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Internet:

**[papouch.com](http://papouch.com)**

E-mail:

**[papouch@papouch.com](mailto:papouch@papouch.com)**

