

# How To Monitor A Websensor EM08 With Nagios XI 5

## Purpose

This document describes how to monitor environmental conditions (temperature, relative humidity, and light level) with Nagios XI and a Websensor EM08 from eSensors. Using Nagios XI to monitor a Websensor EM08 will notify you of environmental element changes which may impact your IT infrastructure.

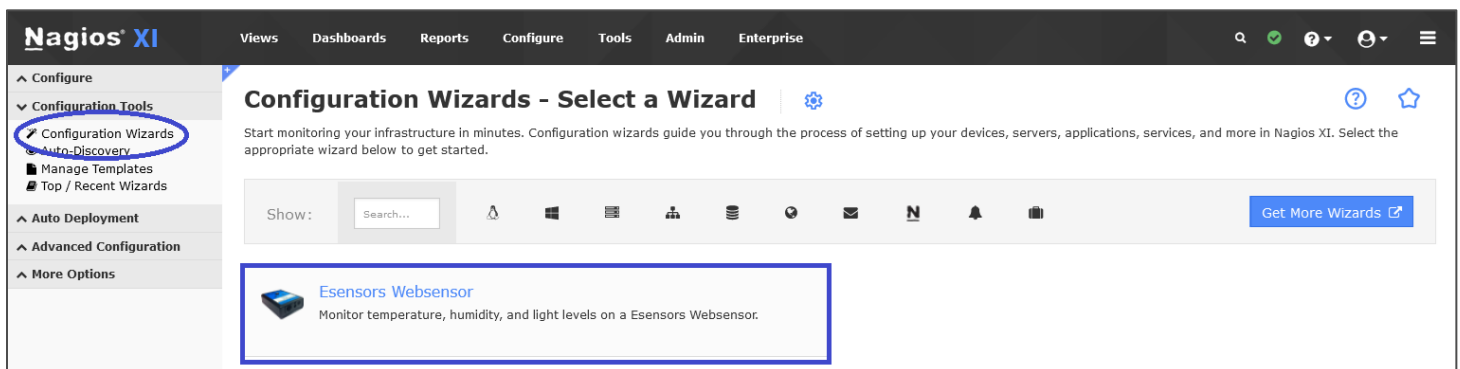
**Note:** If you are using **Nagios XI 2024**, please refer to the [updated document](#).

## The Websensor EM08

The Websensor EM08 is a low-cost, network-connected device available from eSensors.

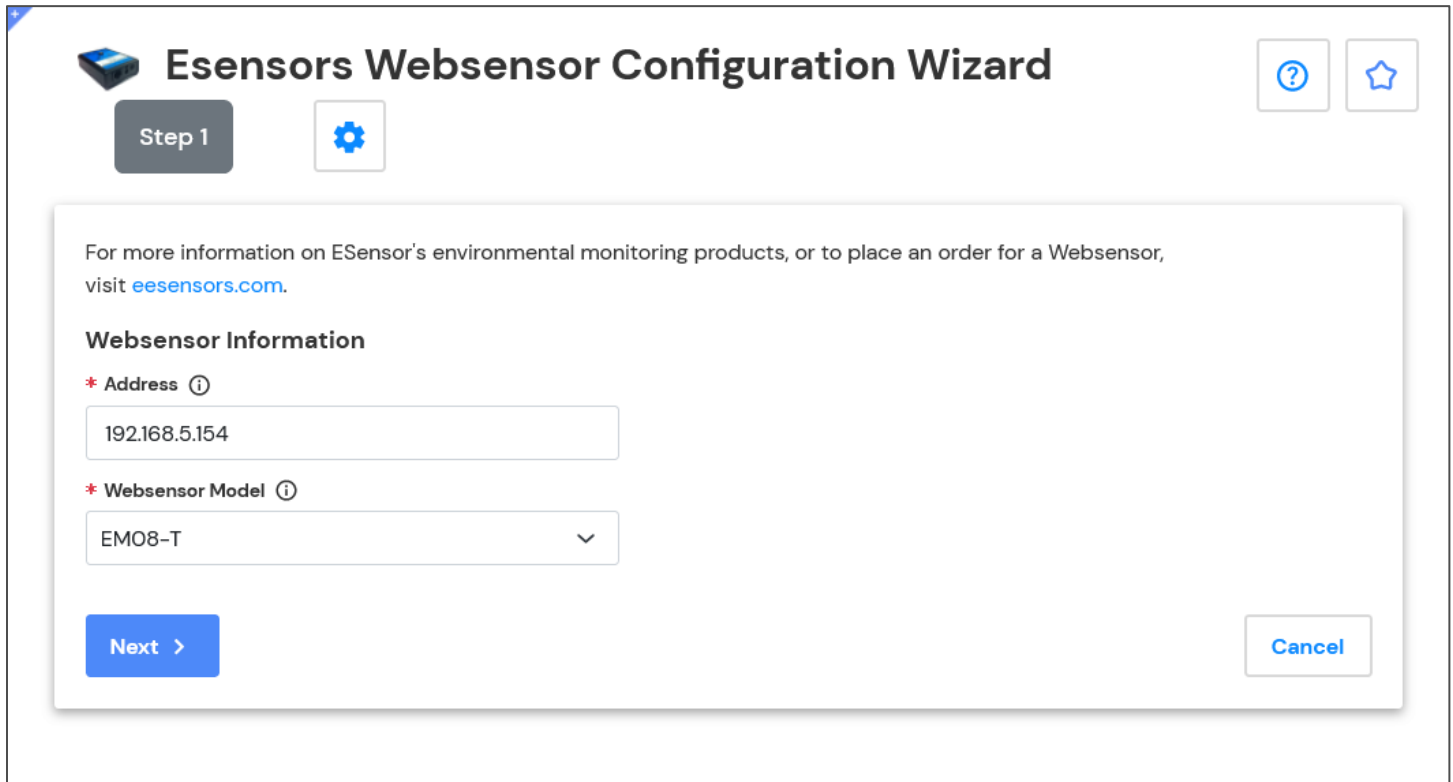
## Running the Wizard

To begin using the **Esensors Websensor** wizard navigate via the top menu bar to **Configure > Run a configuration wizard** and select the **Esensors Websensor** wizard. In the following screenshot you can see how the search field allows you to quickly find a wizard.



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On Step 1 enter the **Address** of your Websensor unit and select the **EM-08T** as the **Websensor Model**.



The screenshot shows the 'Esensors Websensor Configuration Wizard' interface. At the top, there's a title bar with a small sensor icon, the title 'Esensors Websensor Configuration Wizard', and two icons: a question mark and a star. Below the title bar, there's a 'Step 1' button and a gear icon. The main content area has a text block: 'For more information on ESensor's environmental monitoring products, or to place an order for a Websensor, visit [eesensors.com](http://eesensors.com).' Below this is a section titled 'Websensor Information'. It contains two fields: '\* Address' with a text input field containing '192.168.5.154', and '\* Websensor Model' with a dropdown menu showing 'EM08-T'. At the bottom left is a blue 'Next >' button, and at the bottom right is a 'Cancel' button.

This document assumes that your Websensor has already been configured for connection to your network with either a manually-assigned static IP address or an automatically assigned address from a DHCP server. Read the documentation that came with your Websensor unit for initial network configuration instructions.

Click **Next** to continue.

**Step 2** of the wizard will allow you to specify which metrics you'd like to monitor, along with warning and critical thresholds for each metric.

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**Esensors Websensor Configuration Wizard** Step 2

**Websensor Details**

Address: 192.168.5.154

Host Name: 192.168.5.154

**Device Metrics**  
Specify which metrics you would like to monitor on the Websensor.

- ☒ Ping
- ☒ Temperature
  - Below 60 Above 85 Deg. F
  - Below 50 Above 95 Deg. F
- ☒ Humidity
  - Below 15 Above 80 %
  - Below 10 Above 90 %
- ☒ Illumination
  - Below 70 Above 80

< Back Next > Cancel

Note that the **Temperature** must be specified in Fahrenheit, relative **Humidity** is specified in percent, and **Illumination** is measured in lux. A guide chart of common lux values can be found on Wikipedia at: <http://en.wikipedia.org/wiki/Lux>.

Click **Next** and then complete the wizard by choosing the required options in **Step 3 – Step 5**.





To finish up, click on **Finish** in the final step of the wizard.

This will create the new hosts and services and begin monitoring.

Once the wizard applies the configuration, click the **View status details for your Websensor** link to see the new host and services that were created.

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Nagios XI will begin monitoring your EM08 sensor and display the current status of monitored metrics in the Nagios XI interface like the following screenshot:

Service Status for this Host					Last updated: 2024-12-05 01:54:50
Service	Status	Duration	Attempt	Last Check	Status Information
Humidity	 Warning	9m 24s	5/5	2024-12-05 01:50:24	WARNING ( 15< or >80 ) Humidity: 13.9%
Illumination	 Ok	13m 5s	1/5	2024-12-05 01:51:39	OK Illumination: 0.4
Ping	 Ok	12m 58s	1/5	2024-12-05 01:51:47	OK - 192.168.5.254: rta 2.513ms lost 0%
Temperature	 Ok	12m 47s	1/5	2024-12-05 01:52:00	OK Temperature: 82.1 F

## More Information

[Using Configuration Wizards](#)

## Finishing Up

This completes the documentation on How To Monitor A Websensor EM08 with Nagios XI. If you have additional questions or other support-related questions, please visit us at our Nagios Support Forum, Nagios Knowledge Base, or Nagios Library:

[Visit Nagios Support Forum](#)

[Visit Nagios Knowledge Base](#)

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