

How To Monitor A Websensor EM08 In Nagios XI 2024

Purpose

This document describes how to monitor environmental conditions (temperature, relative humidity, and light level) with Nagios XI 2024 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.

Target Audience

This document is intended for use by Nagios XI administrators and IT staff who wish to deploy environmental monitoring in their infrastructure.

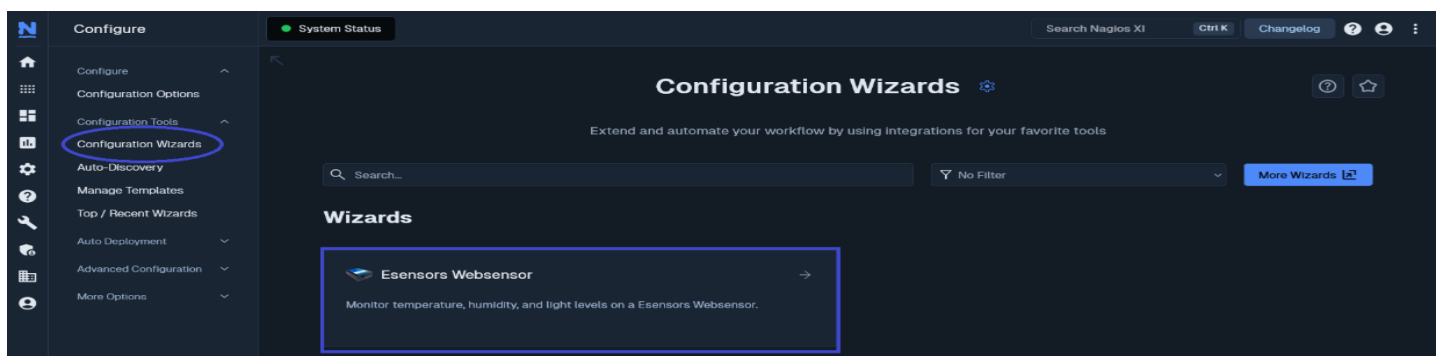
The Websensor EM08

The Websensor EM08 is a low-cost, network-connected device available from eSensors. For more information on Websensor EM08, or to purchase a unit, visit:

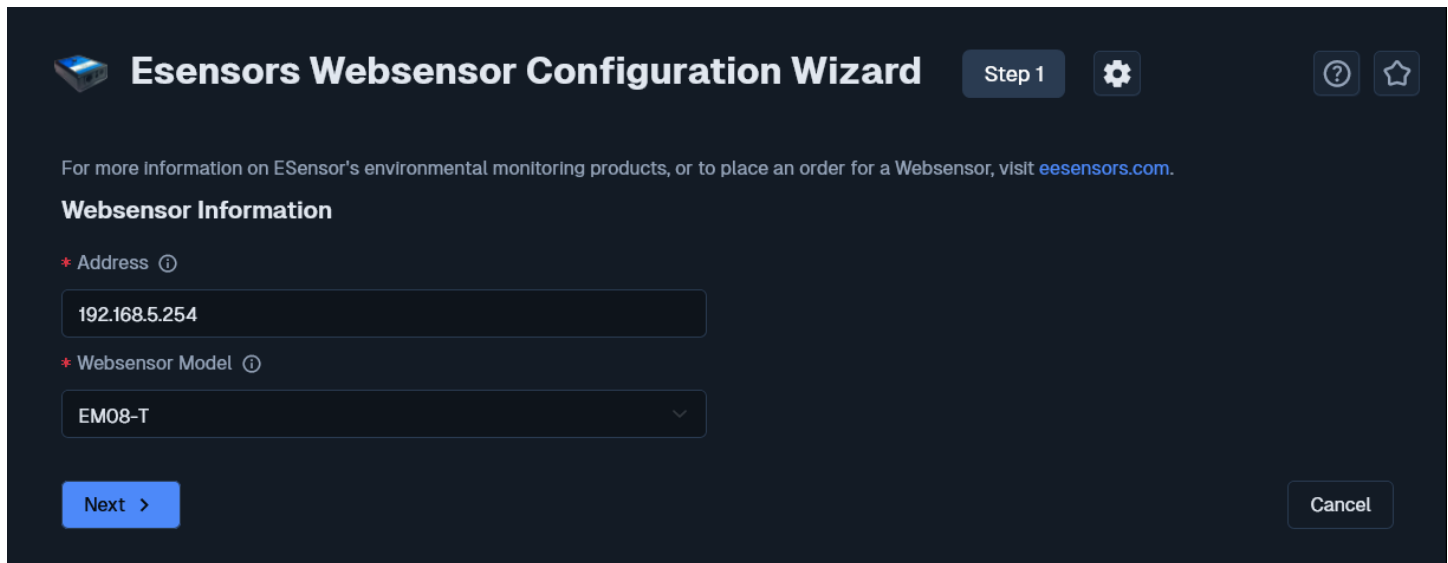
<http://www.eesensors.com/LowCostWebsensor.html>

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



How To Monitor A Websensor EM08 In Nagios XI 2024



Esensors Websensor Configuration Wizard Step 1

For more information on ESensor's environmental monitoring products, or to place an order for a Websensor, visit eesensors.com.

Websensor Information

* Address ⓘ

192.168.5.254

* Websensor Model ⓘ

EM08-T

Next > Cancel

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

Note: 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.

How To Monitor A Websensor EM08 In Nagios XI 2024

Esensors Websensor Configuration Wizard Step 2

Websensor Details

Address: 192.168.5.254

Host Name: 192.168.5.254

Device Metrics

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

- Ping
- Temperature
 - Warning: Below 85 Deg. F
 - Critical: Below 95 Deg. F
- Humidity
 - Warning: Below 80 %
 - Critical: Below 90 %
- Illumination
 - Warning: Below 70
 - Critical: Below 80

< Back Next > Cancel





2. **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.

Note: 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>

- a. Click **Next** and then complete the wizard by choosing the required options in **Step 3 – Step 5**.
3. To finish up, click on **Finish** in the final step of the wizard. This will create the new hosts and services and begin monitoring.
 4. 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.

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:

How To Monitor A Websensor EM08 In Nagios XI 2024

| Service Status for this Host | | | | | | Last updated: 2024-12-05 01:42:08 |
|------------------------------|---|----------|---------|---------------------|---|-----------------------------------|
| Service | Status | Duration | Attempt | Last Check | Status Information | |
| Humidity |  Warning | 35s | 1/5 | 2024-12-05 01:41:33 | WARNING (15< or >80) Humidity: 14.4% | |
| Illumination |  Ok | N/A | 1/5 | 2024-12-05 01:41:45 | OK Illumination: 0.4 | |
| Ping |  Ok | N/A | 1/5 | 2024-12-05 01:41:52 | OK - 192.168.5.254: rta 1.961ms lost 0% | |
| Temperature |  Ok | N/A | 1/5 | 2024-12-05 01:42:03 | OK Temperature: 80.5 F | |

More Information

[Using Configuration Wizards](#)

Finishing Up

This completes the documentation on how to monitor a Websensor EM08 in Nagios XI 2024. 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](#)

[Visit Nagios Library](#)