# EdgeSentry Wiring Guide

models: ES-102, ES-302, ES-304, ES-604

Use this manual to choose a connection for the EdgeSentry to the monitored network and to put the EdgeSentry into Learn Mode. The subsequent manuals, EdgeSentry **Configuration Guide** and the **Switch interface Guide** will walk you through the remainder of the setup.

1/ Do you need a Monitor, Mouse and Keyboard for installation?

> **YES** - If you are assigning a static IP address or if you do not have access to the DHCP server.

> **NO** - If you are using DHCP and can get the IP address from the DHCP administrator

2/ **Isolation Mode vs Integration Mode**: EdgeSentry is able to monitor a network without putting packets onto the monitored network. If the client IT department requires this type of monitoring, you will wire and configure using the **Isolation Mode** instructions outlined below. Otherwise, your installation can be wire and configured as **Integration Mode**.
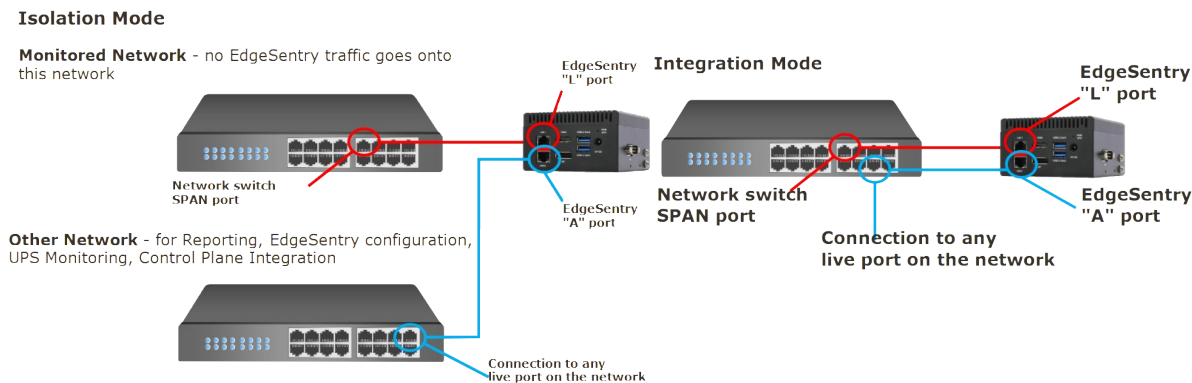
3/ **Connect the EdgeSentry Listening Port (L)** to the monitored network using a SPAN port off the primary network switch. If you are monitoring a network with unmanaged switches, see the **Full EdgeSentry Configuration Manual** section "Network Monitoring using a network Test Access Point"

a/ Enable a SPAN or Mirror port on the primary switch for the monitored network (a switch that contains all the monitored devices beneath it). There are switch manufacturer specific guides for this on the EdgeSentry website.

b/ In the SPAN port setup, route each network port that connects to either a monitored switch or a monitored device to "mirror" to the SPAN port.

c/ **Connect the SPAN port to the Listening (L) port of the EdgeSentry**

4/ **Connect the EdgeSentry Administration Port (A)** to either the monitored network (Integration Mode) or another network (Isolation Mode). The Administration Port is used for configuring the EdgeSentry, sending alert e-mails, sending alerts to a network receiver, monitoring attached UPS(s) and using a control plane integration (see full manuals for details).

5/ **Power up the EdgeSentry** – If the Administration network uses DHCP, the "**A**" port should connect and obtain an IP Address immediately. You will need to get the IP address from the DHCP administrator or using the following procedure:

a/ Connect a keyboard, mouse and monitor to the EdgeSentry **and log into the EdgeSentry account** (see the card in the box with the EdgeSentry account password).

b/ Type "**cmd**" in the Windows Search bar at the bottom of the screen.

c/ Type "**ipconfig**" in the command prompt box. The IP Address assigned to the EdgeSentry Administration port will show in the command prompt window.

If you are using a static IP address, log into the EdgeSentry and access the Ethernet port configuration via "Network Status" – see "Assigning a Static IP Address" in the manual.

```
Ethernet adapter Listening:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::2dd6:5d89:ede8:6734%17
   Autoconfiguration IPv4 Address. . : 169.254.83.44
   Subnet Mask . . . . . . . . . . . : 255.255.0.0
   Default Gateway . . . . . . . . . :

Ethernet adapter Administration:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::5b7e:148c:8a69:46ed%10
   IPv4 Address. . . . . . . . . . . : 192.168.0.108
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . : 192.168.0.1
```

6/ **Download the EdgeSentry Configuration Tool** from **https://www.lmnsoftwarecorp.com/easy-install.html**. Note that this software cannot be run on the EdgeSentry machine and must be installed on another Windows 10/11 PC connected to the "**A**" port or on the Administration network.

a/ Launch the Configuration Tool software and select "**Login to New-Unconfigured Site**"

b/ Give the site a descriptive **name**, fill in the **IP address** and port **49992**. You can add this to your site list now by clicking "Add to Site List". Click "**Connect to Site**". Add a new user with Administrative privileges and delete the default user. Read the End User License Agreement and if you agree, check the confirmation box at the bottom.

7/ Select the "Site Menu" (third down on the menu bar) and fill out each of the following:

(1) Site Menu

(2) Fill in the IP address the Admin port is using here

Sensor Connection IP: 192.168.0.144
Should match the following saved in the ES100:

IP Address: 192 168 0 0

Fill in the networks subnet mask and gateway in the space provided.

(4) **Click SAVE -** the EdgeSentry is now in "LEARN" Mode for the next 24-36 hours

(3) Check off either Isolation Mode or Integration Mode.

Isolation or Integration Mode:

◯ Isolation Mode
No packets are put onto the monitored network - only 1 connection (L) to monitored network. Use (A) port to connected to alternate network.

◉ Integration Mode
EdgeSentry has 2 connections to the monitored network, L and A. This mode puts traffic onto the monitored network.

8/ Go to the **System Status** page. Within a few minutes you should see Devices and Connections start to populate the top portion of the screen, After about 15 minutes you should see the Learn Status % Learned value start to increment. This confirms that EdgeSentry is in learn mode.

Note that some further configuration steps are best done once the learn process is completed and all the devices have been detected on the network.

The next configuration steps are outlined in the EdgeSentry **Configuration Guide**.