

E-5D



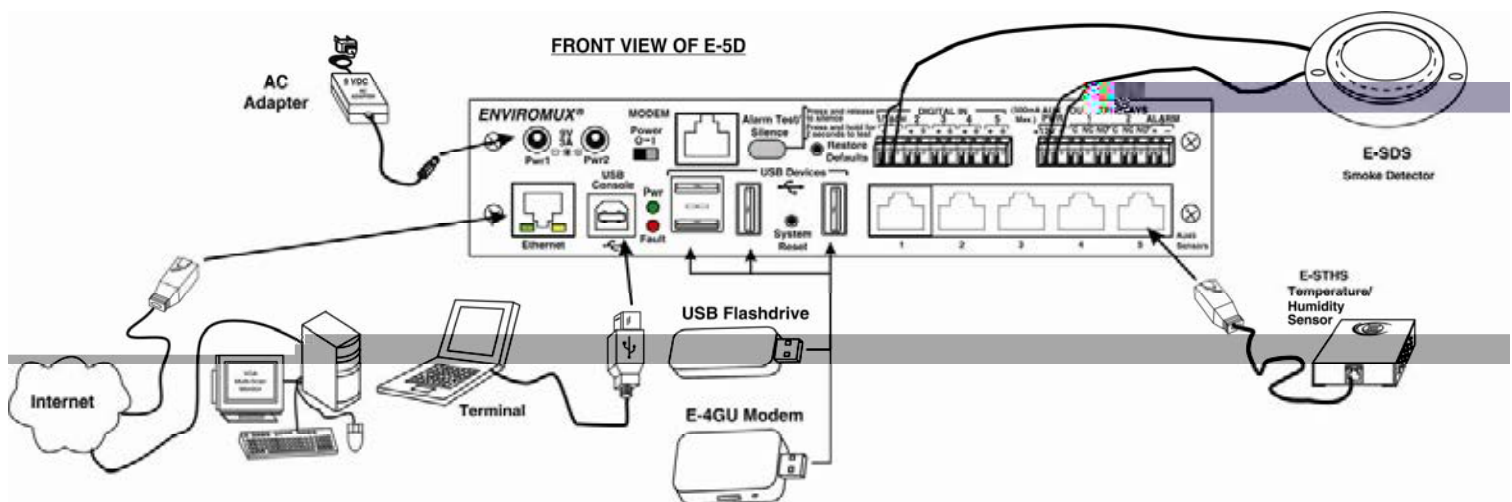
Quick Installation Guide

The E-5D Enterprise Environment Monitoring System (ENVIROMUX) is designed to monitor, from a remote location, the critical environmental conditions in cabinets and rooms containing servers, hubs, switches and other network components. The E-5D monitors the internal temperature and humidity of the unit, giving readings that can be used as an estimate for the conditions of other nearby rack components. Additionally, it is capable of monitoring a maximum of 5 external sensors (available from NTI) and up to 5 additional contact-type sensors (often called open-collector, contact-closure, relay-style, normal-open, or normal-closed). Specifically, the external sensors sold by NTI will monitor temperature and humidity, and detect smoke, motion, vibration, glass breaking, a door opening, and detect the presence of water on a flat surface (such as the floor). The temperature and humidity sensors will provide current readings as well as alerts when thresholds are exceeded. The remainder of the sensors will simply provide alerts.

Remote monitoring is provided via a 10/100BaseT Ethernet web interface. The user is able to specify parameters for all monitored signals. When a sensor exceeds the configured threshold, the unit will signal an alert. Alert methods include email, SNMP traps, web-page alerts, and visual indicators (LEDs). Support for text messaging (with the connection of an external GSM modem) is also provided.

Installation

1. Mount the ENVIROMUX as desired. The unit can be sat on a desktop or a rackmount kit (E-RK1-5D-sold separately) can be added for mounting to a rack.
2. Connect the ENVIROMUX to the Ethernet for maximum remote system management using the "ETHERNET" port and CAT5/5e/6 patch cable.
3. For limited local system control via RS232 connect a terminal to the "USB Console" port using the USB Male Type A-to-Male Type B cable provided. (Install drivers as instructed in the manual.)
4. Connect the power cord and power ON the ENVIROMUX.



Typical Application

Setup

1. Use the Device Discovery Tool (found at <http://www.networktechinc.com/download/d-environment-monitor-16.html>) to locate the ENVIROMUX on the network. Update the IP address, Mask, and Gateway as needed to connect to the local network. Click on *Submit* to update the ENVIROMUX.

Note: The Device Discovery Tool requires the Java Runtime Environment to operate. Here is a [link](#) to the web page from which Java can be downloaded and installed.

Note: The computer using the Device Discovery Tool and the ENVIROMUX must be connected to the same physical network in order for the Device Discovery Tool to work.

If there are more than one ENVIROMUX connected, the Device Discovery Tool can isolate the unit for IP address assignment. By pressing the "Blink LED" button associated with the unit in question, the "Pwr" LED on that ENVIROMUX will blink rapidly.

2. Type the updated IP address into the browser address bar.
3. Log in to the web interface as the administrator