

ENVIROMUX® Series

ENVIROMUX-5D



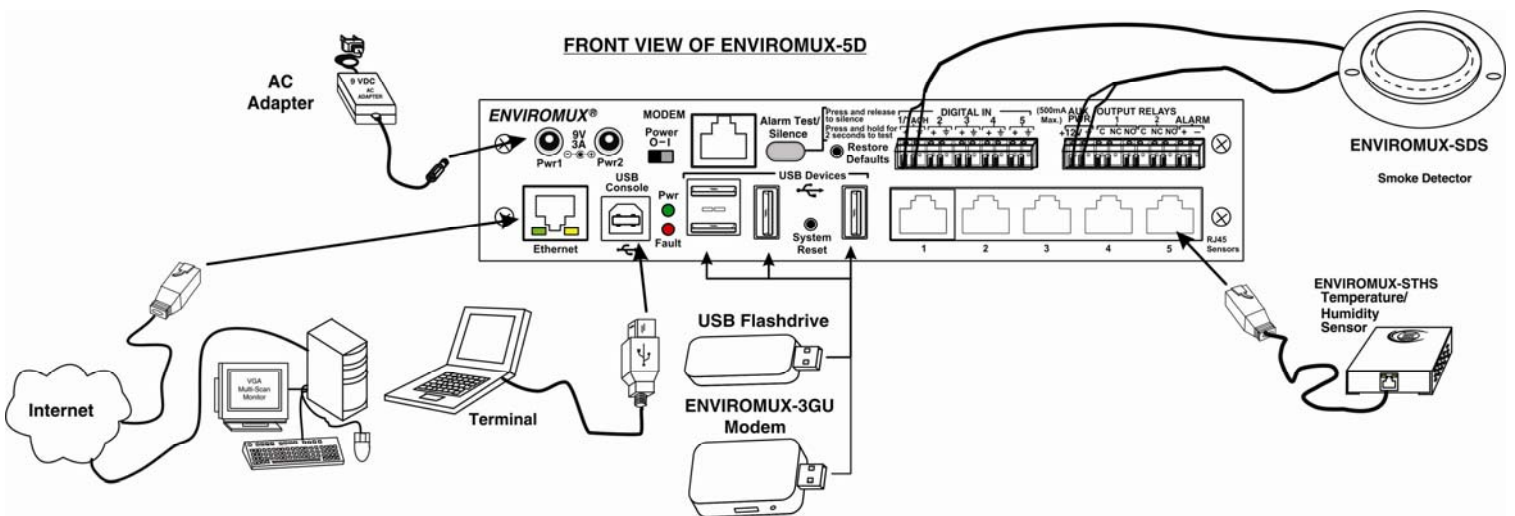
Quick Installation Guide

The ENVIROMUX-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 ENVIROMUX-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 (ENVIROMUX-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 on page 15 of the manual.)
4. Connect the power cord and power ON the ENVIROMUX.



Typical Application

