

NTI e-mini-Ixo Mini Environment Monitoring System

The ENVIROMUX® Mini Environment Monitoring System (EMS) monitors critical environmental conditions (such as temperature, humidity, and water leakage) that could destroy network components in your server room. When a sensor goes out of range of a configurable threshold, the system will notify you via email, SNMP traps, web-page alerts, a visual indicator (red LED), voice phone calls (via Automatic Voice Dialer System), and SMS messages (via USB 3G modem).

Features:

- Monitor and manage server room environmental conditions over IP.
- Sensors supported:
 - 2 temperature/humidity sensors.
 - 5 digital inputs sensitive to contact closure.
 - Sensors are hot pluggable.
- One output relay for control of external devices.
 - Relay activates upon alarm or via the user interface.
- Supports IP network video cameras for live view of any facility.
 - One integrated view - see different Web cameras side-by-side with physical and environmental parameters.
 - Any programmed event can trigger a snapshot from an IP camera.
- Monitor (ping) up to 16 IP network devices.
 - Alerts are sent if devices are not responding.
- Two USB ports for connecting USB modem or for downloading log data to USB flash drive, and one USB console port for serial terminal interface.
- Available with optional internal battery backup.
 - Alerts are sent when there is a power outage and when power returns.
- Create multiple alerts for any installed sensor.
- Sensor conditions (events) can be configured to trigger alerts by themselves, and/or be used in combination with other events to trigger Smart Alerts.
 - Configure up to 50 events.
 - Up to 20 Smart Alerts can be configured to use different event combinations to send alert messages.
- Alerts are posted in message log, which is accessible through Web user interface.
- Automatically configures network settings received from a connected DHCP server.
 - If a DHCP server is not found, the default static IP address will be used.
- Integrates with various Open Source monitoring packages – Nagios, MRTG and others.
 - The unit can be polled via SNMP.
- Linux inside.
- Supports network security scanners.
- Backup and restore system configurations.
- Flexible Zero-RU mounting.
 - Mounting tabs included.
 - Optional 1RU rackmount kit available; the ENVIROMUX unit can be mounted with the front or rear facing out.
 - Optional DIN mounting available.
- Security: HTTPS, SSHv2, SSLv3, IP Filtering, LDAPv3, AES 256-bit encryption, 16-character username/password authentication, user account restricted access rights.
- Use in data centers, co-lo sites, web hosting facilities, telecom switching sites, POP sites, server closets, or any unmanned area that needs to be monitored.
- Optional industrial mini environment monitoring system for high temperature environments. This industrial system has the ability to operate and monitor in harsh environments at high temperatures up to 167°F (75°C).