# NTI e-mini-lxob Mini Environment Monitoring System/Back-up Battery

### Temperature/Humidity Inputs

- Two female RJ45 connectors for connecting temperature sensors, humidity sensors and/or combined temperature/humidity sensors.
    - Two levels of user-defined alerts – non-critical and critical.

### Dry Contact Closures

- Five screw terminal pairs for connecting dry contact devices and the liquid detection sensor.
- Potential-free.
- Output voltage: +5 V DC
- Current limited to 10 mA
- Maximum resistance to close contact: 300K Ohm

### Output Relay

- One screw terminal pair.
- Potential-free relay switch contacts.
- Maximum switching load: 0.5A at 125 VAC, 1A at 30VDC

### USB Port

- Two female USB Type A connectors for connecting USB modem or for downloading log data to USB flash drive.
- One female USB Type B connector for connecting a PC for serial terminal access.

### Ethernet Port

- One female RJ45 connecto.
- 10/100 Base-T Ethernet interface.

### Optional Back-Up Battery

- Rechargeable sealed lithium battery.
- Provides back-up for two hours.

### MTBF

- E-MINI-LXO: 274,783 hours.

### Protocols

- HTTP/HTTPS, SNMP V1/V2c/V3, SMTP, TCP/IP, Syslog, SNTP, DHCP, SSHv2, SSLv3, TLS, LDAPv3, AES 256-bit, 3DES, Blowfish, RSA, EDH-RSA, Arcfour, IPV6, WAP 2.0
- Compatible with any SNMP management software.
    - The unit can be polled via SNMP.
- Operates and configures via HTTP/HTTPS web page, Telnet, SSH, or USB serial interface.
- An IP address can be assigned to the E-MINI-LXO automatically by a DHCP server.
- Generates SNMP traps, email alerts, and syslog messages.
    - Alerts are posted in event log, which is accessible through Web user interface.
    - Email alerts can be sent to 17 addresses.

### Dimensions

- WxDxH: 5.82x3x1.75 in (148x76x44 mm)
- Optional 1RU rackmount kit available
  (E-RK1-2D).
    - The ENVIROMUX system can be mounted so that the sensor connectors are facing the front or back of the rack.

### Power

- 110 or 220 VAC at 50 or 60 Hz via AC adapter.
    - Includes 9V, 1.5A adapter.
    - Will work with a 12V, 2A adapter.
    - Overvoltage and overcurrent protection in the unit and power supply.
- Power consumption: 10 W
- Use the PWR-48V-12V1-6A DC-DC power converter to install the E-MINI-LXO in a 48V or 24V Telecom environment.

### Environmental

- Operating temperature:
    - E-MINI-LXO: 32 to 104°F (0 to 40°C).
    - E-MINI-LXO-IND: 32 to 167°F (0 to 75°C).
- Storage temperature: -20 to 176°F (-20 to 80°C).

- Operating and Storage Relative Humidity: 17 to 90% non-condensing RH.

**Regulatory Approvals**

- CE, RoHS
- EN51055, EN50121-3-2

**Warranty**

- Two years