NTI e-2d Small Enterprise Environment Monitoring System

RJ45 Sensor Ports

- Two female RJ45 jacks for connecting NTI temperature, humidity, liquid detection, smoke detection, glass break, vibration, motion sensors, and more.
    - Two levels of user-defined alerts – non-critical and critical.
- Provides +12 VDC, 100 mA for each port.

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.
- Normally open / normally closed connection points.
- Maximum switching load: 0.5A at 125VAC, 1A at 30VDC, 0.5A at 48VDC.

USB Ports

- 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 connector.
- 10/100 Base-T Ethernet interface.
    - Supports full- and half-duplex.

Power Output

- AUX Power
    - One screw terminal pair.
    - Provides +12 VDC, 500 mA.
- MTBF
    - E-2D: 229,580 hours.
    - E-2DB: 230,693 hours.
- Protocols
    - HTTP/HTTPS, SNMP V1/V2c/V3, SMTP, TCP/IP, Syslog, SNTP, DHCP, SSHv2, SSLv3, TLS, LDAPv3, XOAUTH2, AES 256-bit, 3DES, Blowfish, RSA, EDH-RSA, Arcfour, IPV6, WAP 2.0, RADIUS
        - Support for XOAUTH2 provides higher security authentication for email accounts (e.g. Gmail).
    - 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-2D automatically by a DHCP server.
    - Generates SNMP traps, email alerts, syslog messages, and SMS messages (via USB 3G modem).
        - 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).

Weight

- E-2D: 1.0 lb (0.45 kg)

Power

- Dual DC power.
    - If the first power source fails, the unit will automatically, without interruption, switch over to the second power source before switching to the optional battery backup.
- 100 to 240 VAC at 50 or 60 Hz via AC adapter.
    - Includes one country-specific AC adapter. The second AC adapter is sold separately.
- Power consumption: 10W.
- Use the PWR-48V-12V1-6A DC-DC power converter to install the E-2D in a 48V or 24V Telecom environment.

Environmental

- Operating temperature:
    - E-2D: 32 to 140°F (0 to 60°C)
    - E-2D-IND: -4 to 167°F (-20 to 75°C)
- Storage temperature: -22 to 140°F (-30 to 60°C).
- Operating /Storage Relative Humidity: 17 to 90% non-condensing RH.

Regulatory Approvals

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

Warranty

- Two years