Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

EnviroSense2 (E2) Environmental Sensor Module with Temperature, Humidity and Digital Inputs

MODEL NUMBER: **E2MTHDI**

Monitor ambient temperature and humidity, as well as contact closure status of alarm, security and telecom products.

Features

Add Remote Monitoring of Environmental Conditions to Your LX Platform Device
Expand the monitoring capabilities of your LX Platform device to include conditions that can damage equipment and cause downtime. Tripp Lite's E2MTHDI environmental sensor module makes it possible to remotely monitor ambient temperature and humidity, as well as up to two dry contact connections, in network environments. The E2MTHDI works with Tripp Lite's PowerAlert Device Manager (available as a free download) and Tripp Lite UPS systems and PDUs that have an LX Platform network card (WEBCARDLX or WEBCARDLXS). Events are recorded in the event log of your device's PowerAlert Device Manager interface.

Know If Conditions Become Too Hot or Humid for Your Equipment
You can set your own values for maximum temperature and humidity levels in network closets, server rooms and data centers. If levels exceed set values, an event is recorded. Using this environment temperature sensor is a convenient way to keep equipment operating in optimal conditions around the clock without on-site personnel.

Remotely Monitor Dry Contact Connections to Avoid Surprises
Two dry contact inputs support up to 5V for monitoring open/closed connections. Use with SRSWITCH to know if a rack enclosure door has been opened or E2SLD to be alerted to a water leak on the floor. You can also use this sensor module with other dry contact devices, including smoke detectors, fire alarms and security systems.

Take Advantage of Convenient Installation Features and Daisy-Chain Capability
Dual magnets on the bottom of the housing allow mounting on most racks and cabinets. Built-in retention harnesses help secure cable connections, and cable channels along the bottom help reduce clutter. The included USB cable connects the E2MTHDI to your LX Platform device. Up to three E2 environmental sensors can be daisy-chained together to provide monitoring in different areas of a rack.

Comply with TAA Requirements
The E2MTHDI complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

2-Year Warranty
The E2MTHDI is backed by a 2-year limited warranty, ensuring reliability and performance.

Highlights

- Adds environmental monitoring to Tripp Lite UPS systems and PDUs with LX Platform interface
- Monitors temperature and humidity to help IT personnel maintain ideal operating conditions
- Monitors up to two dry contact devices for safety and security in IT racks
- Includes USB-A to USB Micro-B cable for easy connection to UPS or PDU
- Mounts magnetically - no hardware required

Applications

- Set up environment sensor networks in a data center
- Receive an alert if temperature or humidity conditions exceed set limits in a server room
- Use with SRSWITCH to receive alerts if a rack enclosure door is opened
- Use with polarity-sensitive E2SLD to detect water leaks in a network closet

System Requirements

- Compatible Tripp Lite UPS or PDU equipped with an LX Platform interface

Package Includes

- E2MTHDI EnviroSense2 Environmental Sensor Module
- USB cable (USB-A to USB Micro-B), 3 ft.

- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332181305
Power Management Type	Sensors

PHYSICAL	
Shipping Dimensions (hwd / in.)	1.100 x 4.300 x 5.900
Shipping Dimensions (hwd / cm)	2.79 x 10.92 x 14.99
Shipping Weight (lbs.)	0.2900
Shipping Weight (kg)	0.13

COMMUNICATIONS	
Communications Cable	1m (3.28ft.) USB A/micro-B
Input Dry Contact Ports	Two dry contact terminal connections per E2MTHDI module
Systems & Sensors Information	Dry contact terminals are polarity marked for compatible contact accessories. Terminal connector supports wire gauges of 14-28 AWG; 6-7mm wire strip length; M2 screws with 3.0Lb-In / 0.34Nm torque specification

WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty