

Installation Instructions

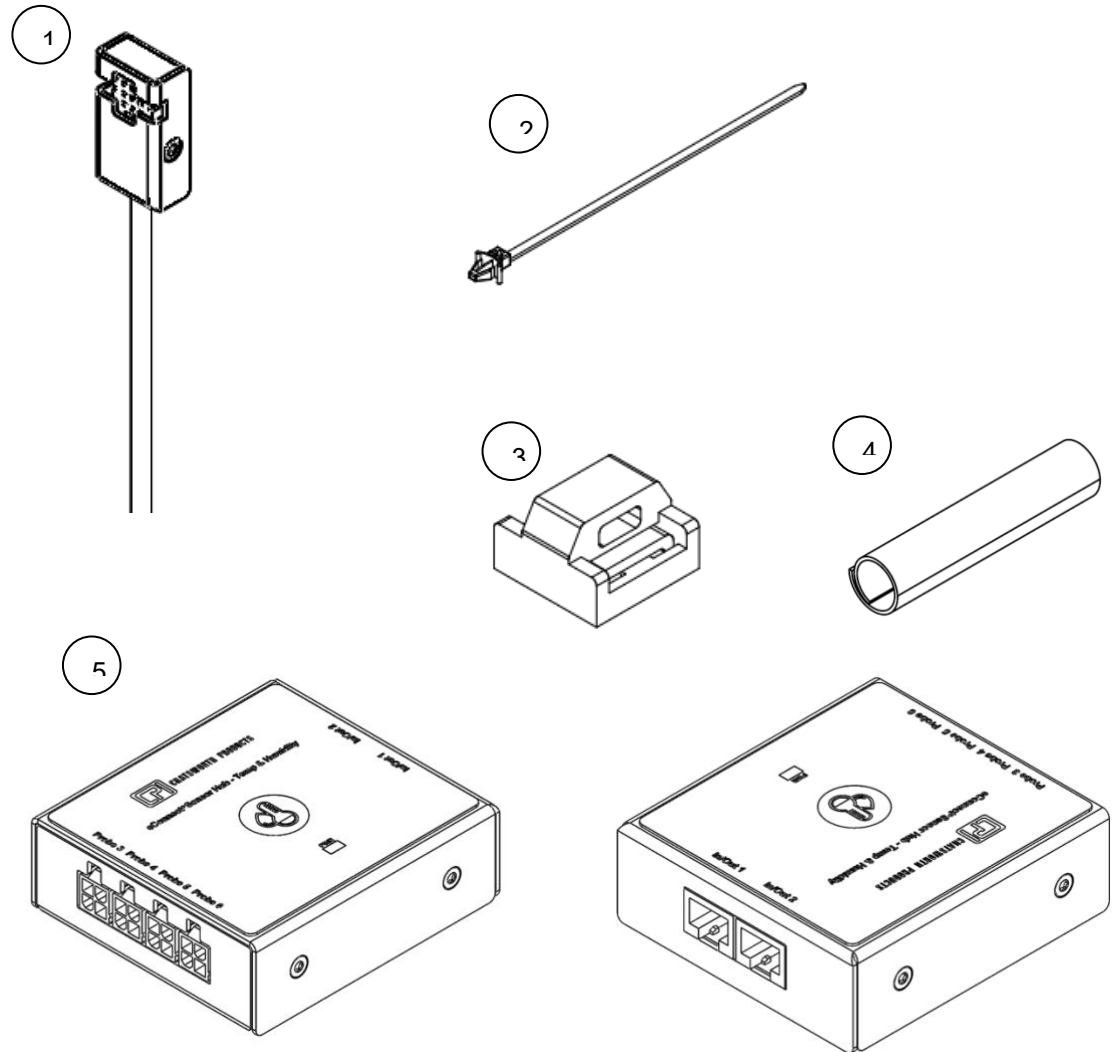
eConnect® Temp & Humidity Sensor – For use with Sensor Hub – Temp & Humidity

The eConnect® Temp & Humidity Sensor – For use with Sensor Hub – Temp & Humidity is a modular environmental monitoring device that integrates with intelligent eConnect® PDUs using the Sensor Hub to monitor environmental temperature and humidity in cabinets. It provides real-time telemetry data for use in datacenter and edge deployments.

The eConnect® Temp & Humidity Sensor – For use with Sensor Hub – Temp & Humidity features magnetic mounting hardware, allowing flexible placement anywhere within the cabinet.

Parts Provided:

- (1) eConnect® Temp & Humidity Sensor – For use with Sensor Hub – Temp & Humidity (15ft cable)
- (2) Push-mount cable ties
- (3) Magnetic cable tie mounts and cable ties (not pictured)
- (4) Cable wrap sleeve
- (5) eConnect® Sensor Hub - Temp & Humidity (front & rear pictured)
- (6) Ethernet cables (not pictured)



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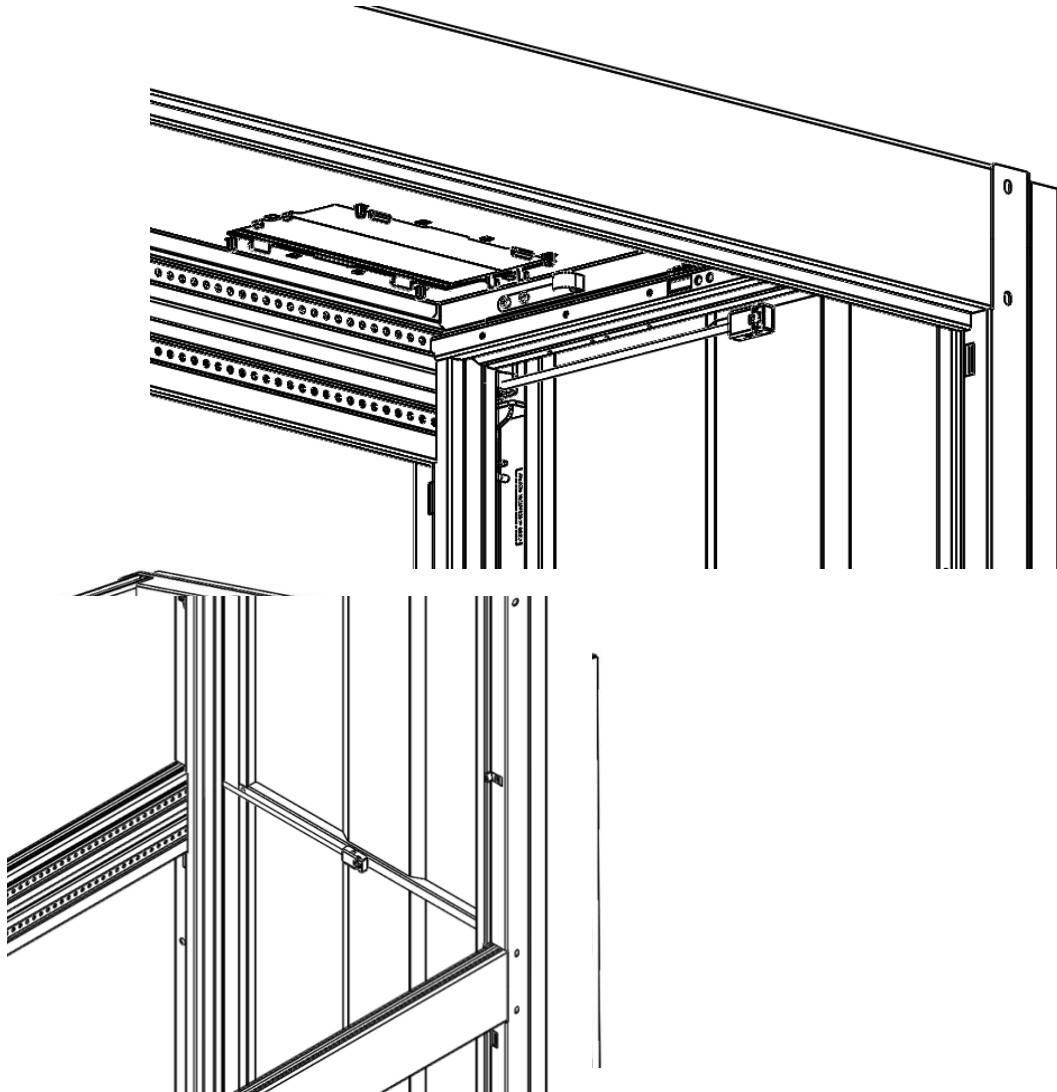
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eConnect[®] Temp & Humidity Sensor – Installation

Sensor Mounting:

- Identify a location for the sensor compatible with the 15ft lead-in cables and *eConnect[®] Sensor Hub - Temp & Humidity*.
- Mount on Cabinet (door, wall, ceiling, etc.) using the pre-installed magnet. Recommended locations are shown in the images on the right. The sensor is omnidirectional.
- Plug sensor into the “Probe” port of the *eConnect[®] Sensor Hub*. Use provided *Magnetic cable tie mounts and cable ties* to secure cables where needed.

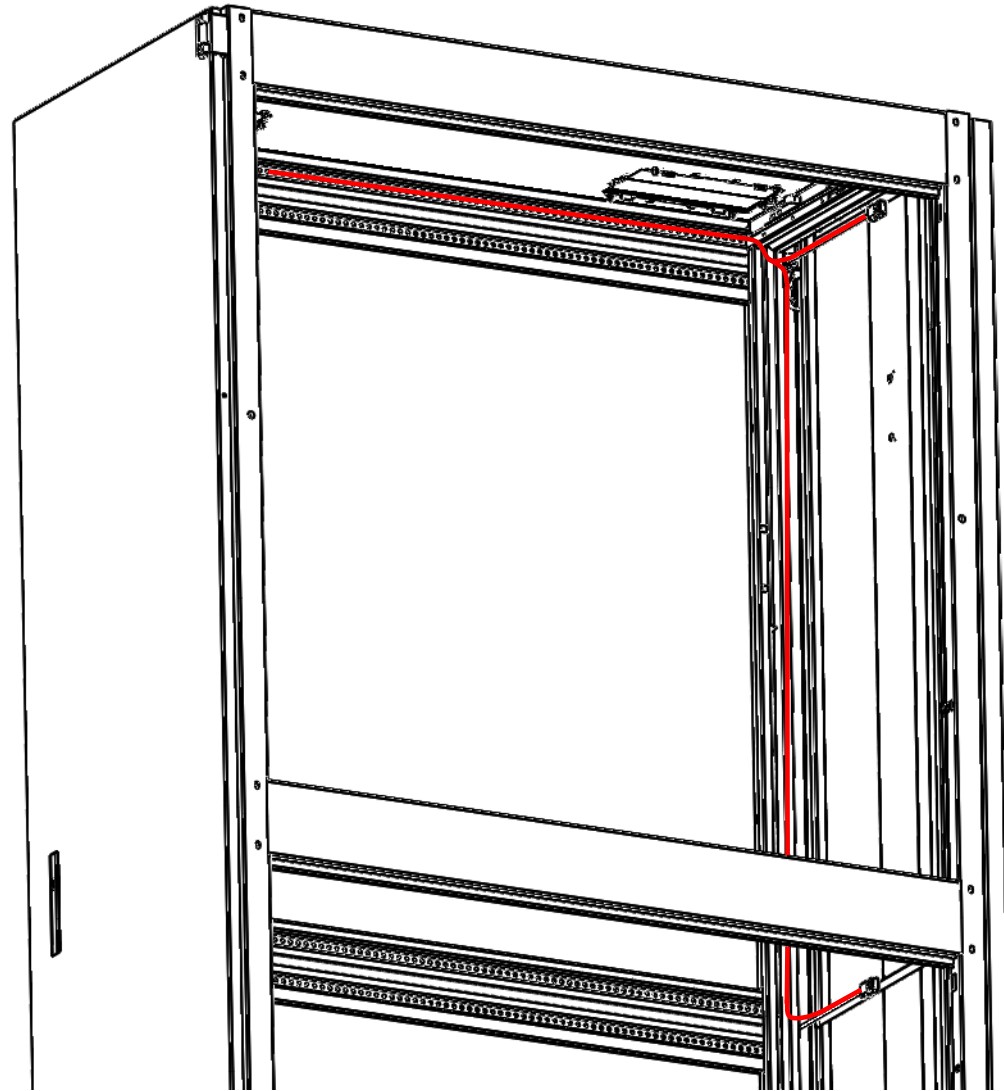


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Suggestions for Temp & Humidity Sensor Cable Routing:

- Route the cable using the *push-mount cable ties* and/or *magnetic cable tie mounts* and *cable ties* as shown.
- If mounting to doors, ensure cables have sufficient slack for fully open doors. Use provided *cable wrap sleeves*.
- If routing multiple environmental sensors, bundle cables using *cable wrap sleeves*.
- To manage excess cable slack, bundle cables and route through cabinet brushes/grommets where viable.



Installation Instructions

eConnect® WebUI Setup

EXTENDED SENSOR PLATFORM SETUP INSTRUCTIONS:

The following section will provide step-by-step instructions for the initial software configuration and setup required for the CPI extended sensor platform. Configuring the PDU's will require WebUI access. This can be accomplished either with direct Ethernet access to each PDU, or with Ethernet access to the Primary PDU of an eConnect SecureArray™ configuration. To complete the necessary software configuration, execute the following steps:

1. Plug in the end of Sensor Array into Aux 2 port of PDU.
 - a. If using a secondary PDU with array, plug other end of array into Aux 2 port of 2nd PDU.
2. Access the PDU's WebUI.
3. Navigate to the PDU's "Settings" tab.
 - a. The "PDU Settings" page will be shown.
4. Next to "Aux Port Usage:", select the "Extended Sensor Platform" radio button. A few configurable items will now be enabled, where they were previously disabled:
 - a. The "Controller Negotiation:" options will be enabled with the "Auto-Negotiation" option selected.
 - b. The "Lead Override" checkbox will be enabled, but not selected.
5. Click "Save".

All modules will now initialize and begin reading and reporting data.

FW UPGRADE FUNCTIONALITY:

1. The Extended Sensor Platform has the capability to receive FW upgrades from the PDU WebUI.
2. To initiate a FW upgrade, first click on the "Administration" tab.
3. Next select the "Upgrade Firmware" page.
4. There will be a section at the bottom where a .bin file can be uploaded to upgrade the FW for all modules connected to that PDU.
 - a. This section will also display the current FW version that each module currently is running.
5. After FW upgrade is initiated, a progress bar will be present to display how far along the upgrade is.
6. After FW upgrade is completed, this section will update and display the new FW version for each module flashed.