Installation Instructions

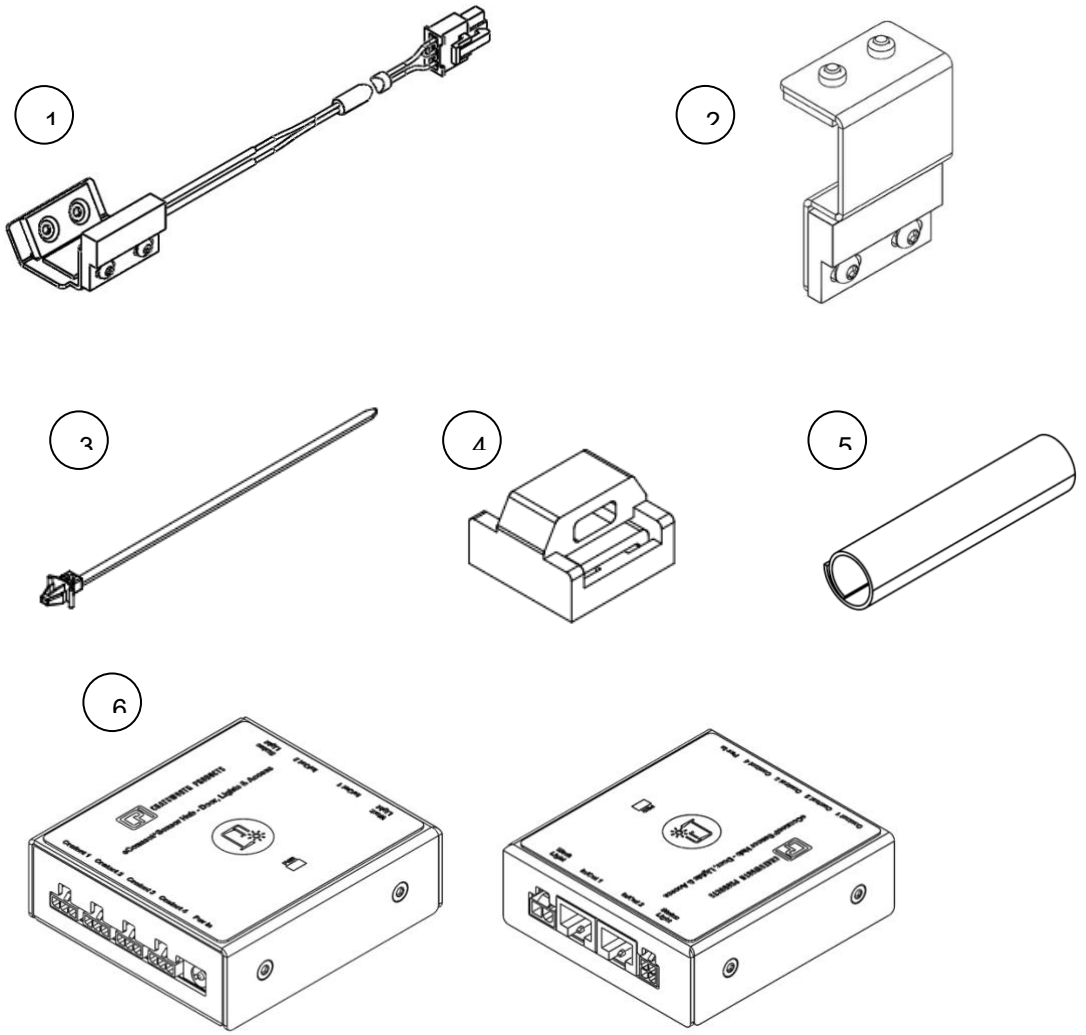
eConnect® Door Control Sensor – For use with Sensor Hub – Door, Lights & Access

The eConnect® Door Control Sensor – For use with Sensor Hub – Door, Lights & Access is a modular access monitoring device designed to integrate seamlessly with intelligent eConnect® PDUs via the Sensor Hub. It enables real-time monitoring of cabinet door status—open or closed—providing telemetry data essential for physical security and operational awareness in datacenter and edge deployments.

The eConnect® Door Control Sensor – For use with Sensor Hub – Door, Lights & Access features magnetic mounting hardware, allowing flexible placement anywhere within the cabinet.

Parts Provided:

(1) *Frame-Side Door Control Sensor* (10ft cable)
(2) Door-Side Door Control Sensor
(3) Push-mount cable ties
(4) *Magnetic cable tie mounts and cable ties* (not pictured)
(5) Cable wrap sleeve
(6) *eConnect® Sensor Hub – Door, Lights & Access* (front & rear pictured)
(7) *Ethernet cables* (not pictured)



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800-834-4969 (USA & Canada) • www.chatsworth.com • techsupport@chatsworth.com
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eConnect® Door Control Sensor – ZetaFrame Cabinet Installation

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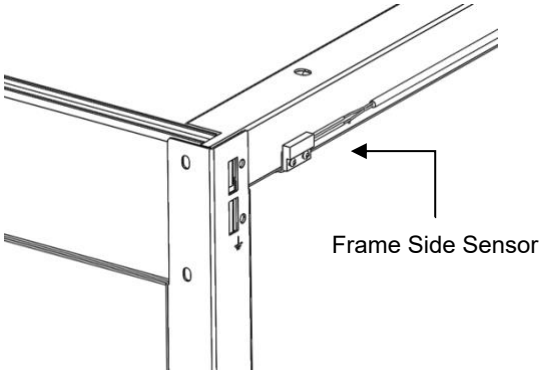
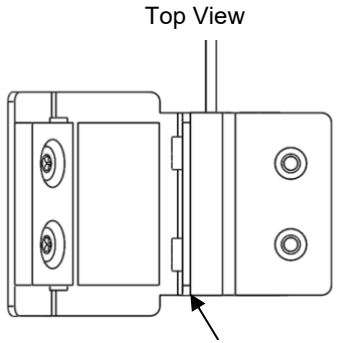
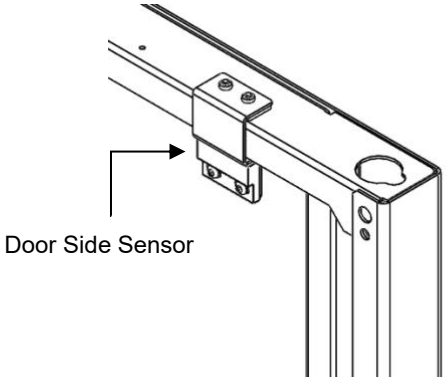
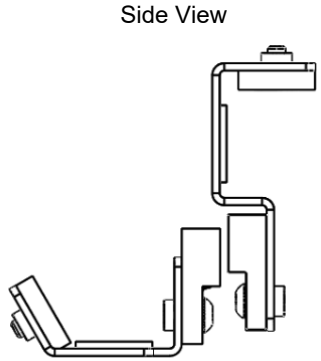
Door Control Sensor Mounting (ZetaFrame Specific):

- Brackets are designed for use with ZetaFrame Cabinets. For installation on other cabinets, see VHB Mounting Tape method on next page.
- Install sensors on the handle side of the cabinet door, opposite the hinge, to maximize sensitivity to door movement. Route the cable (see page 4 for suggestions).
- For an accurate Door Contact Status, ensure the sensors are aligned face-to-face. Verify alignment by inspecting from the top of the cabinet with the door closed and adjust *the Door-Side Door Control Sensor* as need.
- VHB tape is provided on the brackets as an optional retention feature to provide mounting permanence.







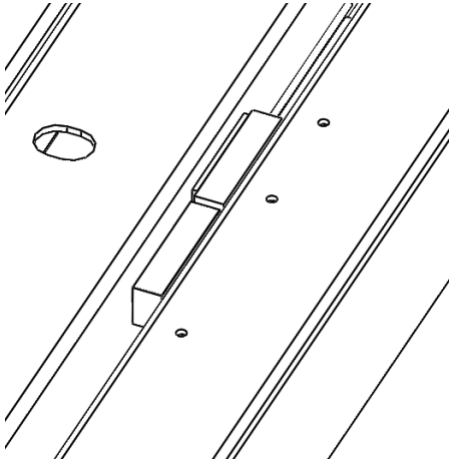


eConnect® Door Control Sensor – Third-Party Cabinet Installation

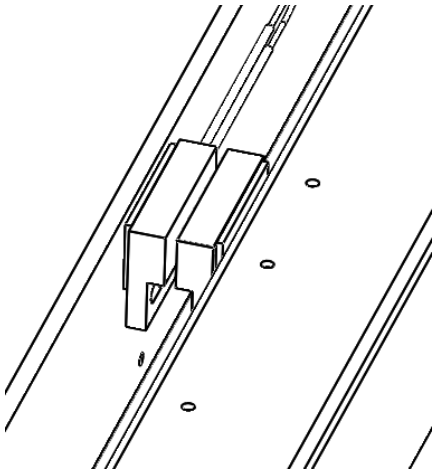
Door Control Sensor Mounting (VHB Tape Mounting, Various Cabinets):

- The Cable Side Sensor is intended to be mounted on the frame, while the Magnetic Element is mounted on the door.
- For an accurate Door Contact status, ensure the Sensors are aligned side-to-side or face-to-face. Verify alignment by inspecting from the top of the cabinet with the door closed and mark the location required before securing with the tape.
- Maximum sensor gaps:
  - Side-to-side: .16in (4mm)
  - Face-to-face: .20in (5mm)
- Route the cable through the frame channel.

Side-to-Side Mounting:



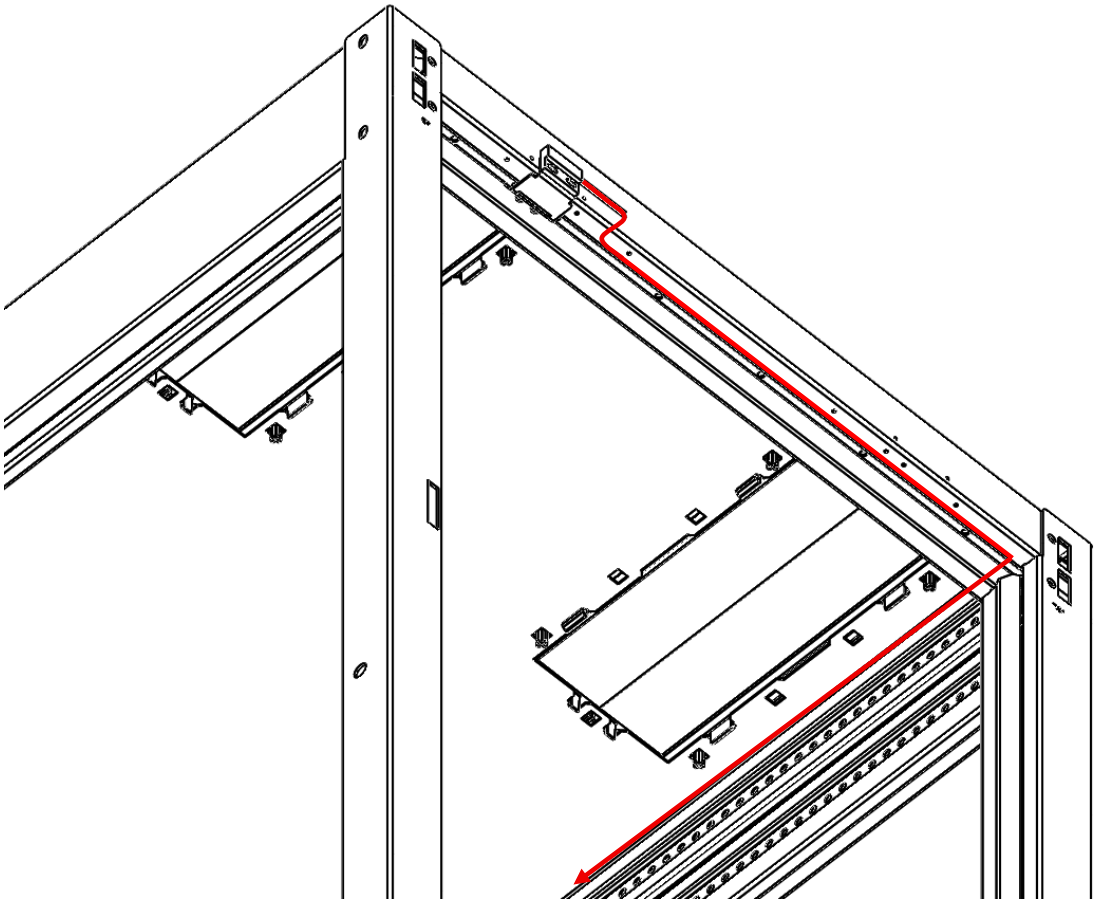
Front-to-Front Mounting:



eConnect® Door Control Sensor – Cable Routing

Suggestions For Door Control Sensor Cable Routing:

- Route cable through channel. Use provided *push-mount cable ties* to secure cable to the holes in the channel.
- Route cable to back of cabinet and use remaining *push-mount cable ties* to secure cable along side panels/rails.
- Plug sensor into the “Contact” port of the *eConnect® Sensor Hub.* Use provided *Magnetic cable tie mounts and cable ties* to secure cables where needed.
- 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.



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.