

NET-ACCESS SENSOR MOUNTING AND CABLE ROUTING TO NETWORKED W / ENVIRONMENTAL OR SWITCHED POU

INSTRUCTIONS CM539

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Installation of Environmental Sensors

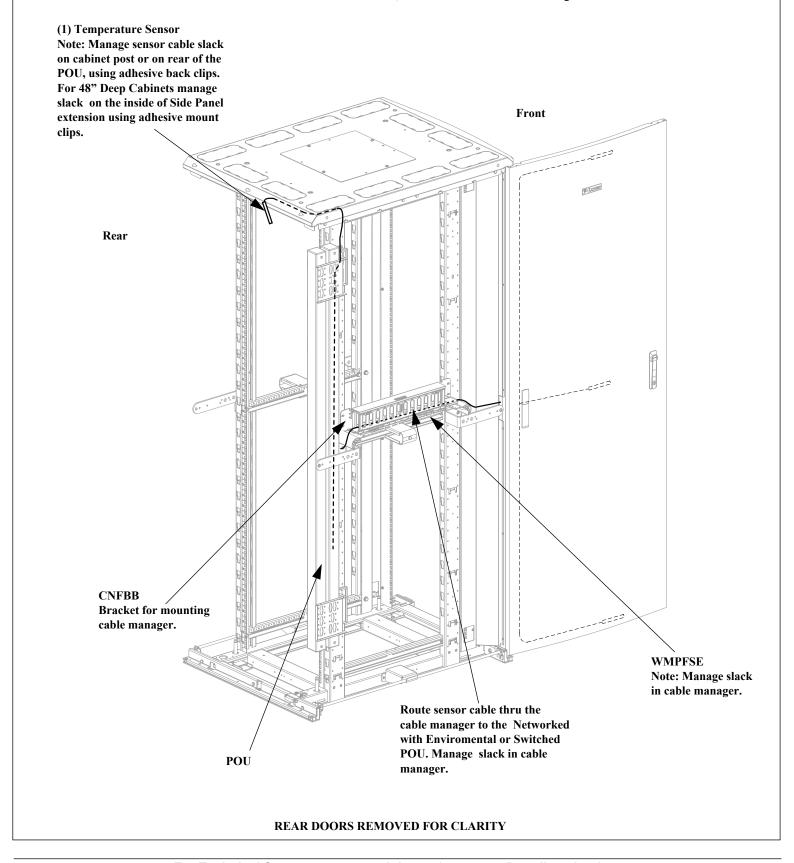
Recommended sensor placement includes (3) temperature / humidity / airflow / dewpoint sensors and (1) Temperature Sensor.

- Install (3) PVQ-ESTAFHD-12 to the front door using (6) 5/8" plastic retainers, (6) #6-32 screws, (6) #6-32 nuts (or cable ties for
- PVQ-EST-12), and route cable on door using small clips (ACC19-AV-M300). Install (1) temperature sensor in the rear of cabinet, route cable using cable ties. **Note: For CS Cabinets** slit the seal in the air dam and route cable Note: attach sensors thru the slit. to door, then route PVQ-EST-12 cable to Networked 5/8" Plastic Retainers Note: Route / secure POU. to inside of Top Cap. Rear **Front** (3) PVQ-ESTAFHD-12 Note: Sensor must be oriented as shown, with open slots facing the front of the door for proper air flow readings. **APPLICATION 1** Cable tie Note: Before securing sensors, (3) PVQ-EST-12 rotate door to the maximum open position to ensure enough slack for **APPLICATION 2** proper door operation.

For Technical Support: www.panduit.com/resources/install maintain.asp

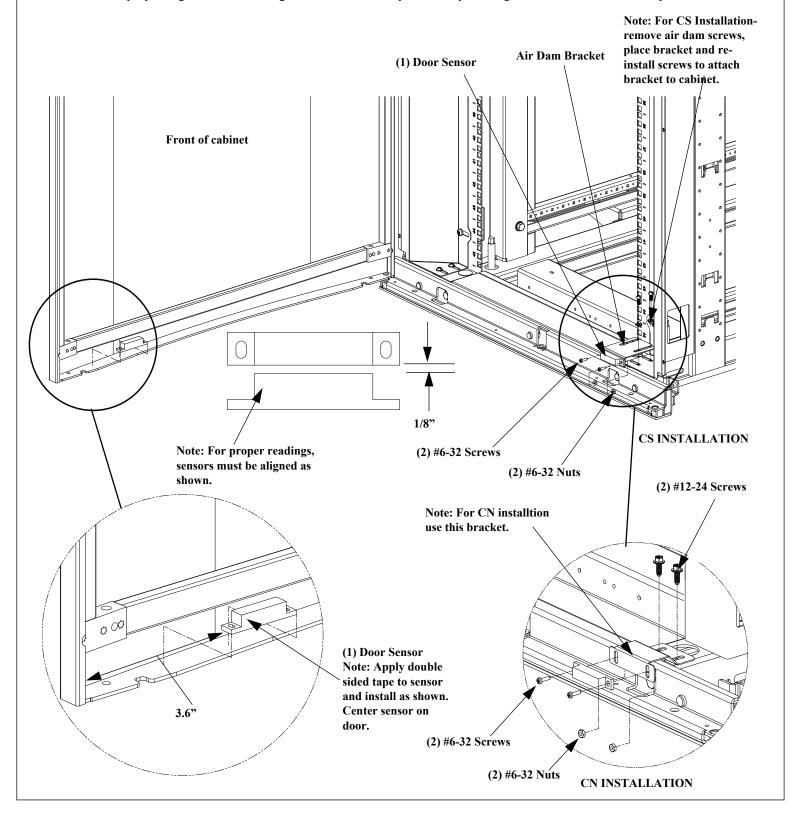
Routing Sensor cable to Networked with Environmental or Switched POU

Route cable to Networked with Environmental or Switched POU, as shown below after mounting CNFBB and WMPFSE.



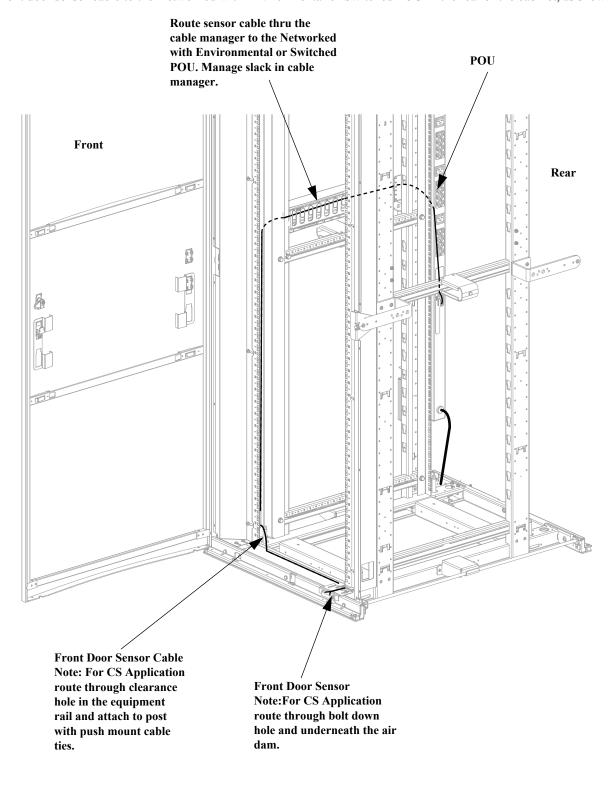
Installation of Front Door Sensors

- For CS Cabinet: Install (1) door sensor with (1) air dam bracket, (2) #6-32 nuts, and (2) #6-32 screws.
- For CN Cabinet: Install (1) door sensor with (1) front door bracket, (2) #6-32 nuts, and (2) #6-32 screws.
- Install (1) sensor with (1) double sided tape.
- Note: Ensure proper alignment with mating frame sensor before permanently affixing sensor with double sided tape on door.



Front Door Sensor Cable Routing

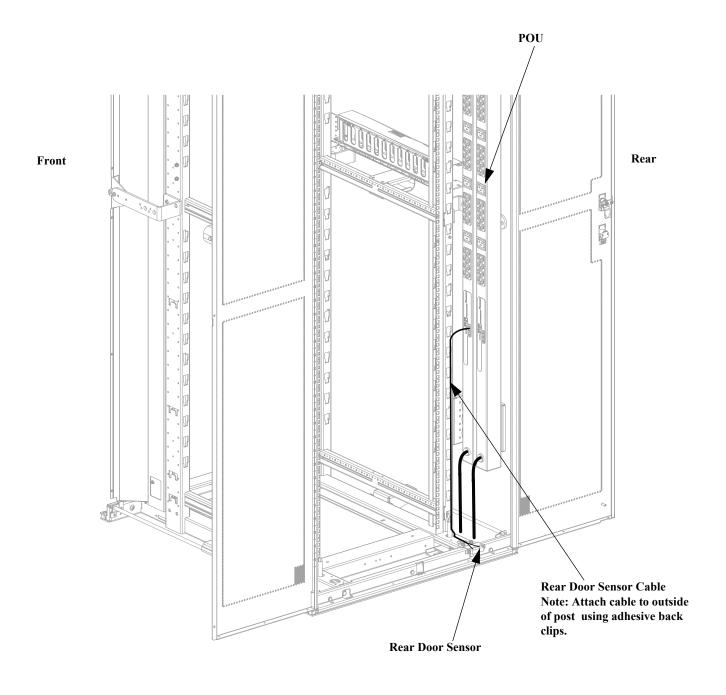
• Route front door sensor cable to the Networked with Environmental or Switched POU in the rear of the cabinet, as shown below.



Installation of Rear Door Sensors For 41" Deep: Install (2) rear door sensors with (1) 41" rear bracket, (1) double sided tape, (2) #6-32 nuts, and (2) #12-24 screw. For 48" Deep: Install (2) rear door sensors with (1) 48" rear bracket, (1) double sided tape, (2) #6-32 nuts, and (2) #12-24 screw. Note: For proper readings, 1/8" sensors must be aligned as (2) #12-24 Screw (1) Door Sensor shown. 41" Deep Rear of Cabinet 41" Rear Bracket (2) #6-32 Nuts 48" Rear Bracket (1) #5/16-18 Nut (1) Door Sensor **Note: Install with** (1) Door Sensor double sided tape 48" Deep **Note: Install with** Rear of Cabinet double sided tape (2) #6-32 Nuts (1) Door Sensor

Rear Door Sensor Cable Routing

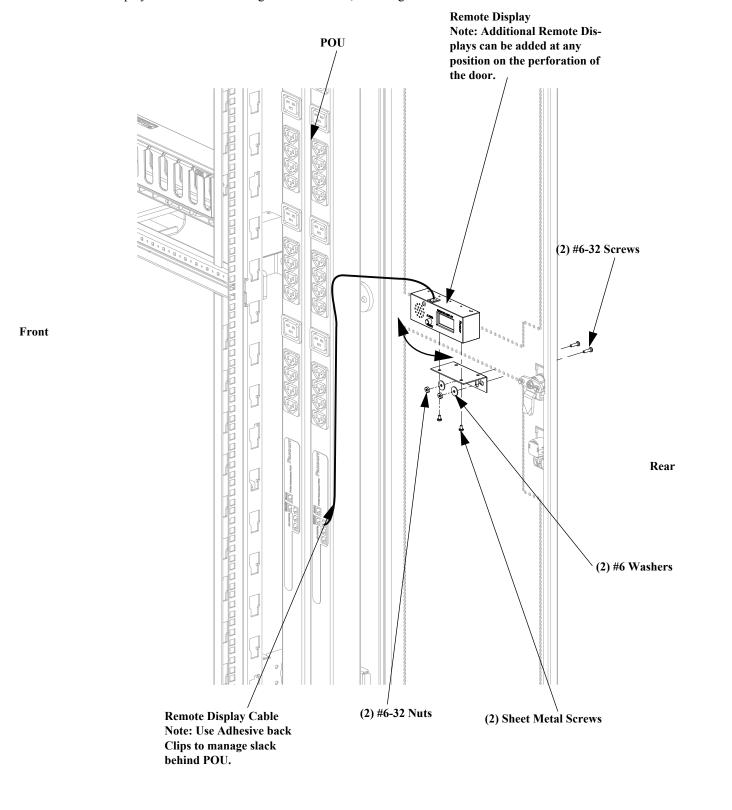
• Route rear door sensor cable to Networked with Environmental or Switched POU, as shown below.



Installation of Remote Display / Cable Routing

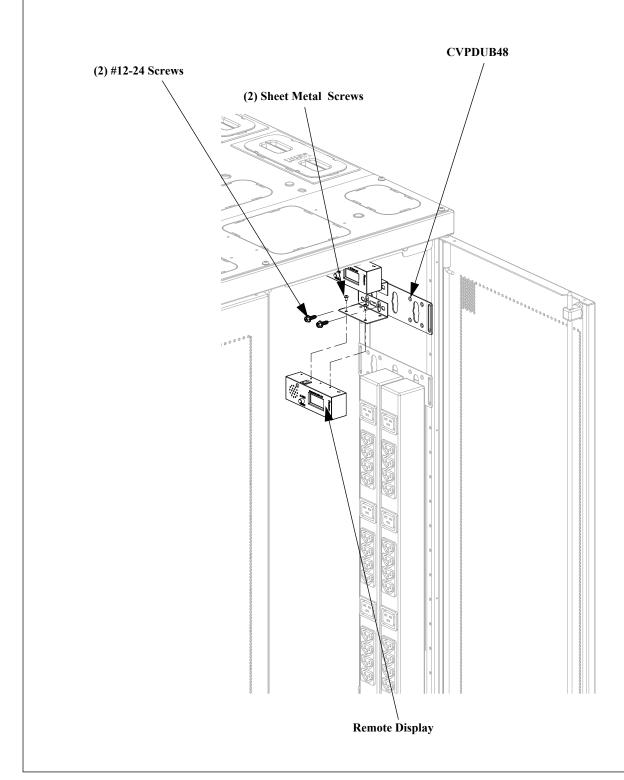
- Install remote display to rear door with (2) sheet metal screws, (2) #6-32 nuts, (2) #6-32 screws, and (2) #6 washers.
- Route remote display cable to Networked with Environmental or Switched POU.

Note: Remote Display can be intalled facing into the cabinet, or facing out of the cabinet.



Installation of Remote Display in 48" Deep Applications

• Install Remote Display with (2) #12-24 screws, (2) sheet metal screws and (1) remote display bracket to POU Bracket in the rear of the cabinet.



For Instructions in Local Languages and Technical Support:

 $www.panduit.com/resources/install_maintain.asp$



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