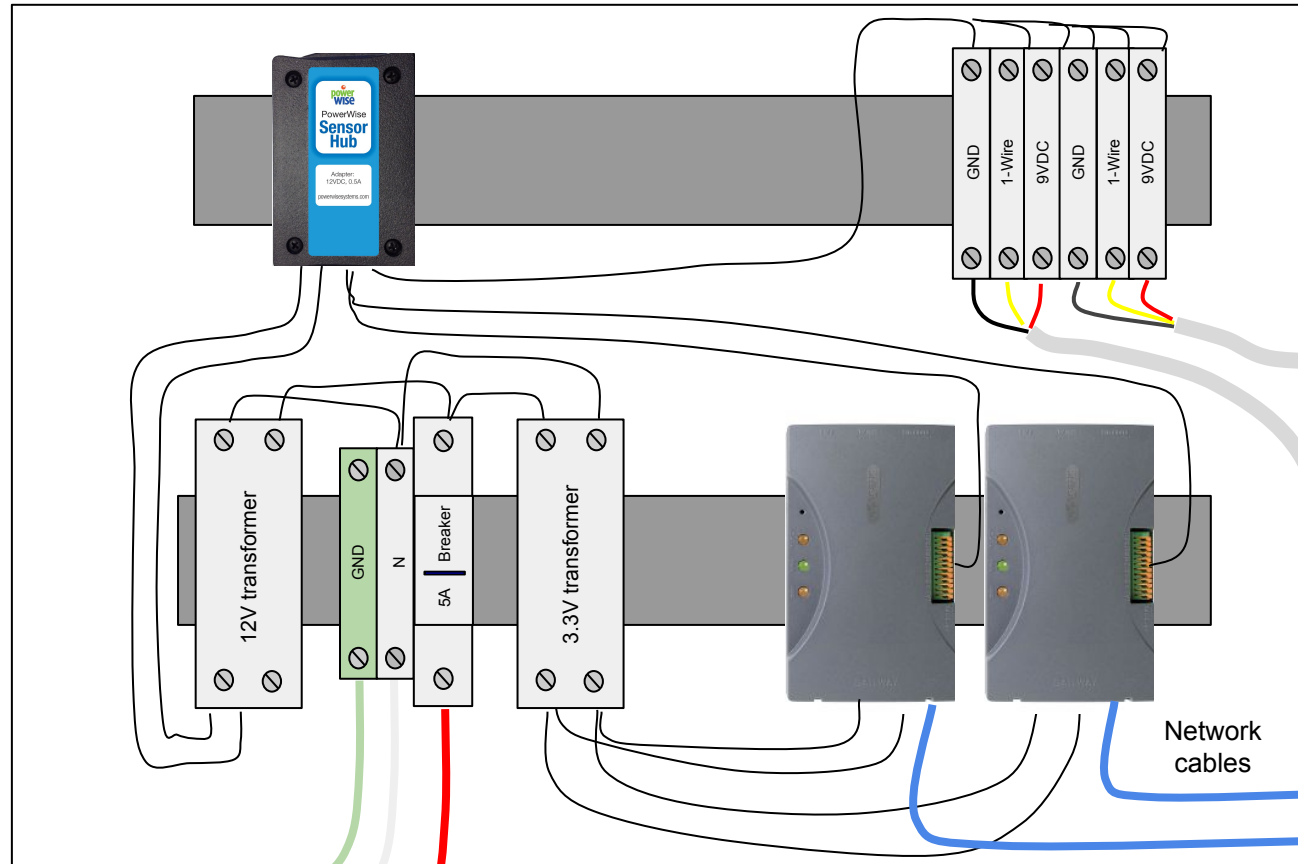


POWERWISE SENSOR HUB, GATEWAY x 2 AND 1-WIRE WIRING DETAIL



PowerWise
124 Main St
Bucksport, ME 04416

14" x 14" x 4"
Flush Mount
Enclosure

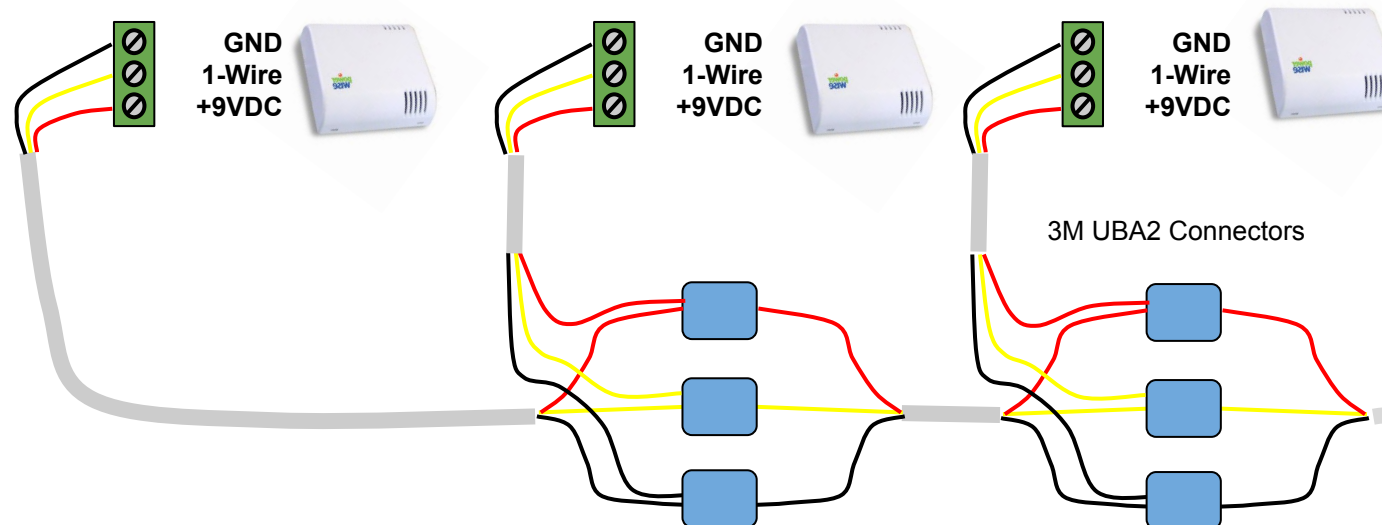


Second
sensor
wiring run
with 3
sensors

Network
cables

Power from electrical panel

VOC / CO2, RH, and Temp Sensors



NOTES:

- I. Enclosure must be within 30 feet of the SiteSage Energy Monitor (not pictured but located in electrical panel).
- II. Bring power from the electrical panel to the enclosure.
- III. Sensor wiring trunks should be 100 feet or less.
- IV. PowerWise recommends using CAT5 or better with one twisted pair for the 1-Wire signal and ground.
- V. Limit 4 sensors per wiring run.
- VI. The trunk wire should not be spliced by cutting. Best results can be achieved using insulation displacement splices like the 3M UBA2 Connector. See https://www.youtube.com/watch?v=Y6hGU2W_M4
- VII. Splices to the trunk should be 5 feet or more apart.
- VIII. Do not run sensor wiring next to high-voltage wires.