

smartIAQ™ Hub-4 Pro

PRELIMINARY PRODUCT DATA SHEET

smartIAQ® GridSet Low Voltage BMS Power Supply Unit

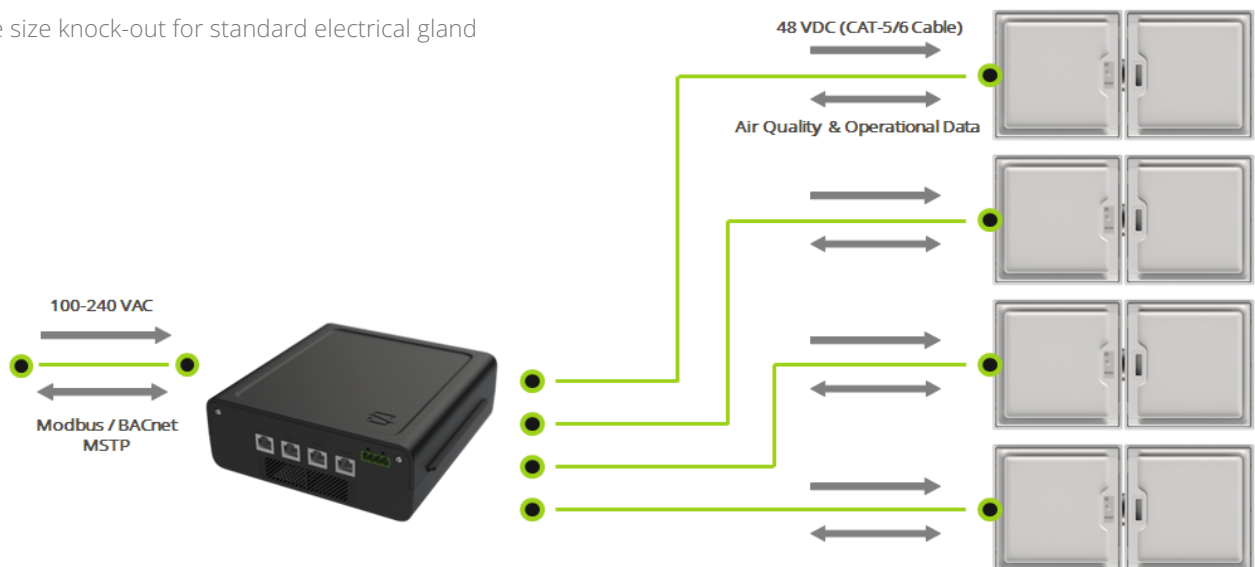
PRODUCT DESCRIPTION

The smartIAQ Hub-4 Pro delivers a streamlined power and BMS communication solution for up to four smartIAQ GridSet Pro units, helping reduce installation costs and complexity. With only a single incoming mains connection, the Hub-4 Pro distributes low-voltage power to multiple devices using simple plug-and-play Ethernet-style cables—no hard wiring, conduit, or specialized labor required. In addition, the Hub-4 Pro facilitates BMS integration for GridSet Pro units. Full control and data communication can be managed by appropriately configured Building Management Systems.

Its extended low-voltage cabling capability allows the Hub-4 Pro to be positioned conveniently near existing power sources while reliably supplying GridSet units located throughout the space. The result is a clean, flexible, and cost-effective installation tailored for modern IAQP deployments.

STANDARD FEATURES

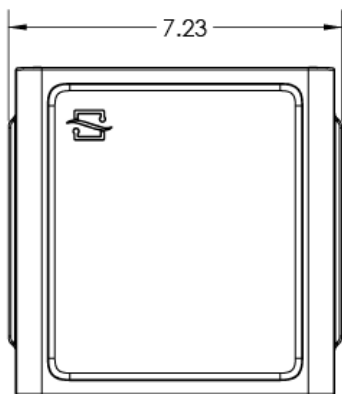
- Single power connection (input) to Hub
- 48 VDC Low Voltage outputs for up to 4 smartIAQ GridSet Pro units
- BMS integration via RS485 port in either:
 - Modbus: sIAQ-HB4P-MB
 - BACnet: sIAQ-HB4P-BN
- Uses CAT-5/5e wiring
 - Max 300ft per GridSet unit
- Rated for Plenum Applications
- 1/2" Trade size knock-out for standard electrical gland



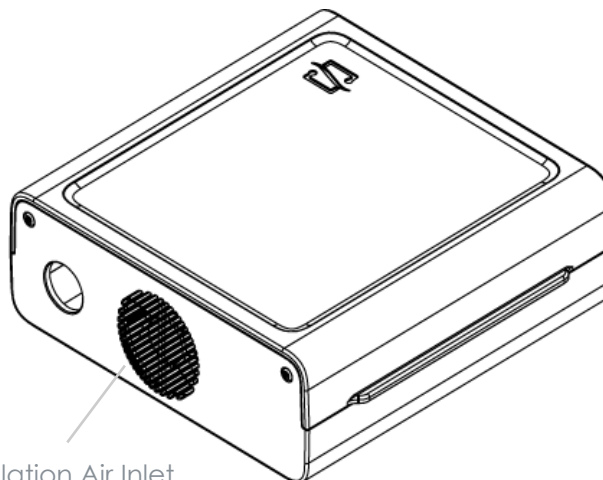
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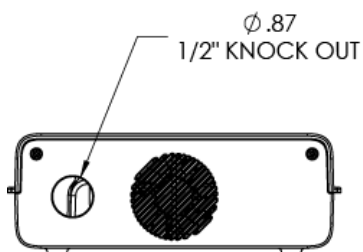
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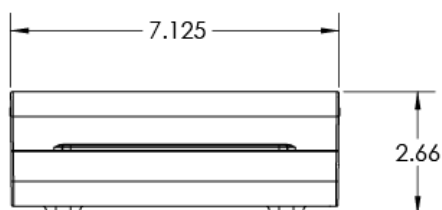
Plan View



Ventilation Air Inlet



End Elevation



Side Elevation

Ventilation Air Outlet



End Elevation

SIAQ-HB4P-MB/BN: SPECIFICATIONS

Input Voltage	120 -240 VAC	Dimensions (L x W x H)	7.125" x 7.25" x 2.66"
Output Voltage	48 VDC	Weight	2.5 lbs
Power Consumption	200 W (Max)	GridSet Units Served	4 (Max)
Minimum Circuit Amps (MCA)	5.25 A	Gridset Compatibility	Power Supply Only
Temperature Range	0 - 140 F	Gridset Pro Compatibility	Power Supply and BMS Communication
Humidity Range	20 - 90% RH (non-condensing)	Compliance and Certifications[#]	UL 62368-1, CSA 22.2 #62368-1

[#] Certifications Pending

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