

Sensi Equipment Interface Module (Indoor + Outdoor)

Sensi has streamlined your HVAC wiring with one product that can help solve many wiring challenges, both indoor (EIM) and outdoor (ERM). Sensi Equipment Interface Module (Indoor + Outdoor) simplifies thermostat installation by reducing the need to pull new wires when doing a system upgrade. Plus, it has 3 accessory terminals to control all your IAQ products from one location.



SENSI TOUCH 2 COMPATIBLE

The Sensi EIM is compatible with any Sensi Touch 2 smart thermostat. Carry less on your truck knowing all you need is the Sensi Touch 2 and Sensi EIM products to complete your call.

INDOOR/OUTDOOR APPLICATIONS

Waterproof and durable, the Sensi EIM is made for indoor (EIM) and outdoor (ERM) use, again, lessening the amount of products you need to stock on your truck. The cover is tightly secured on the product, keeping a clean look without wires popping out.

IAQ CONTROL

The Sensi EIM supports your household IAQ needs with three universal terminals to control humidification, dehumidification and ventilation accessories all from one device. Sensi EIM is compatible with AprilAire and all major IAQ manufactures.

EASIER INSTALLATIONS

No more pulling wires through the wall. Just wire them into the Sensi EIM. Dedicated wire channels keep everything secure, neatly organized and hidden from view. No separate gateway needed to connect to Wi-Fi.

SENSI CONNECT TECHNOLOGY

The Sensi EIM comes equipped with Sensi Connect technology, which uses a strong sub-GHz frequency to allow communication between products. Compatible products include: Touch 2 smart thermostat, EIM, outdoor sensor and room sensors.

FREE CONTRACTOR BRANDING

Sensi EIM provides the perfect place for highlighting your logo or company name right on the front of the product. This prominent branding keeps you top-of-mind whenever service is needed.

MODEL NUMBER	STAGES BY SYSTEM			SYSTEM TYPE	APPLICATIONS								POWER SOURCE	IAQ		
	Single Stage Heat/Cool	Multi-Stage Heat/Cool	Heat Pump Heat/Cool		Universal, Single Stage, Multi-Stage, Heat Pump*	Gas / Oil / Electric	3 Wire Zone Valve	Millivolt Compatible	Economizer	Humidity Control (H)-Humidity / (D)-Dehumidify	Accessory Terminal	Dual Fuel Heat, Pump Control, Logic (L), Outdoor (O)		Remote Sensor Options, Indoor (I), Outdoor (O)	Battery (B), Hardwire / Common (H), Power Sharing (PS)	Humidifier
SA20	1/1	2/2	4/2	✓	✓	✓	-	-	H, D	✓	L/O	L/O	H	✓	✓	✓

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TERMINALS AND SPECIFICATIONS

PRODUCT SPECIFICATIONS	
Dimensions	8.5" (L) x 6.75" (H) x 1.5" (D)
Usage	Indoor/outdoor
Electrical rating hardwire	1.5 amps max per terminal; 2.5 amps max (all terminals combined)
Power source	Hardwired 24VAC

COMPATIBILITY	
Thermostat	Sensi Touch 2 smart thermostat
Accessories	<ul style="list-style-type: none"> Dehumidification Humidification Ventilation
System type/ stages	<ul style="list-style-type: none"> Conventional up to 3H/2C Heat Pump up to 4H/2C

24V	ACCESSORIES	SYSTEM	T-STAT
<p>C Common wire, 24V</p> <p>RC Power for cooling, 24V</p> <p>RH Power for heating, 24V</p>	<p>U1 Accessory terminals</p> <p>U1</p> <p>U2</p> <p>U2</p> <p>U3</p> <p>U3</p>	<p>W/D 1st stage auxiliary/emergency heat (2nd stage heat) 1st stage auxiliary/emergency heat (3rd stage heat)</p> <p>W2 2nd stage auxiliary/emergency heat (3rd stage heat) 2nd stage auxiliary/emergency heat (4th stage heat)</p> <p>Y1 1st stage heat and cool compressor</p> <p>Y2 2nd stage heat and cool compressor</p> <p>G Indoor blower (fan) energized on call for fan, cool or heat</p> <p>O/B Heat pump changeover (reversing valve) connection (configure as O or B in the installer menu)</p>	<p>R Common wire, thermostat</p> <p>C System power, thermostat</p>