



SARB

Networkable IAQ Room Sensors

SARB Features

- One analog input (**AI1**) readable via network
- One binary input (**BI1**) readable via network
- Two analog outputs (**2 AO**) commandable via network
- Two binary outputs (**2 BO**) commandable via network
- Enthalpy and dew point calculations (available via network)
- Display or hide all the required access for user interaction
- Backlit LCD with simple icon and text-driven menus
- Selectable Fahrenheit or Celsius scale
- BACnet® MS/TP or Modbus (selectable via menu)
- Select MAC address via menu or via network
- Automatic baud rate detection
- Network service port via on-board mini USB connector

Model	Temp	RH	CO ₂	VOC
SARB24TG	●		●	
SARB24TV	●			●
SARB24TGH	●	●	●	
SARB24TGVH	●	●	●	●

PCB Overview



- COM** **(-) Common**
- 24 Vac/Vdc** **(+) 24Vac**
- BO1 COM** **(ext 24V)**
- BO1** **Binary Output 1***
- BO2 COM** **(ext 24V)**
- BO2** **Binary Output 2***
- COM**
- AI1** **Analog Input 1***
- COM**
- BI1** **Binary Input 1***
- AO1** **Analog Output 1***
- COM**
- AO2** **Analog Output 2***
- A+** **BACnet or Modbus**
- B-** **(to BMS)**
- * I/Os commandable via network*



IAQ Room Sensors

SAR Features

- CO₂ sensor feedback output (**AO1**)
- CO₂ warning and alarm level outputs (**BO1** and **BO2**)
- Humidity or VOC sensor feedback output (**AO2**)
- Input voltage 24Vac or 24Vdc

On-Board Sensors

Model	Temp	RH	CO ₂	VOC
SAR24GH		●	●	
SAR24GV			●	●

PCB Overview

