

SA-1 Instructions

(Smoke Alarm with Interface)

Description: The SA-1 is a smoke alarm with built in interface to allow monitoring through the I/O ports of an environmental or power + environmental monitoring unit. A power cord is attached for easy installation, and a 9V battery may be installed for backup for reporting during power loss. When in alarm state, the monitored I/O reading will drop below 10.

Specifications

Power:	120Vac, 80mA, 60Hz
Backup power:	9V DC battery
Audio Alarm:	85dB
Temp Range:	40°F to 100°F
Humidity Range:	up to 85% RH
Sensor:	Ionization

Installation Guidelines

- Secure Smoke Alarm in desired location.
- Route wire and connect to I/O ports on remote monitoring unit. Black wire connects to Common (-), Red wire connects to desired Input (1, 2, or 3).
- Test sensor with remote monitoring unit. When Smoke Alarm is in Alarm state, the I/O reading will drop below 10.
- Rename sensor on 'Display' page of remote monitoring unit for easy identification. Complete this step before installing additional sensors.
- Analyze data over a period of time to determine steady state conditions and set alarms accordingly.

Interconnecting Smoke Alarms: Smoke alarms can be interconnected by connecting the signal wires (Red Wire) in parallel. Check smoke alarm's User Guide for proper connection and compatibility. Several additional smoke alarms may be connected, but only one interface unit is required to send the signal back to the I/O port on the remote monitoring unit.