

AMC-1BVC

Standalone Vehicle Exhaust (CO/NO₂) Monitor

Designed around an all-new sensing and control platform, the Armstrong Monitoring AMC-1BVC is the latest in our series of standalone monitors for mixed vehicle applications.

The integral combination CO/NO₂ sensor module is easily changed and is eligible for the EZ Cal™ service program taking the work and risk out of maintaining your gas detection system.

SPECIFICATIONS

Detectable Gases

Carbon Monoxide (CO)	0-100 ppm
Nitrogen Dioxide (NO ₂)	0-10 ppm

User Interface

Keypad: 3 Button

Indicators: OLED Display (8 lines x 20 characters)
LEDs for Sensor, Operation, Fault

Electrical

Supply Voltage: 120VAC 60 Hz+ or 24VDC, 2A

Relay Contacts: 2 DPDT 10A @ 250 VAC Res.

Mechanical

Enclosure: UV Stabilized Polycarbonate

Flammability Rating: UL94V-0

IP Rating: IPx5 with optional AMC-1B-SG Splashguard

Dimensions: 11.750" L x 9.980" W (298.45mm x 253.49mm) X 5.460" (138.68mm)

Operating Temperature: -20°C to 40°C
-4°F to 104°F

Approvals:



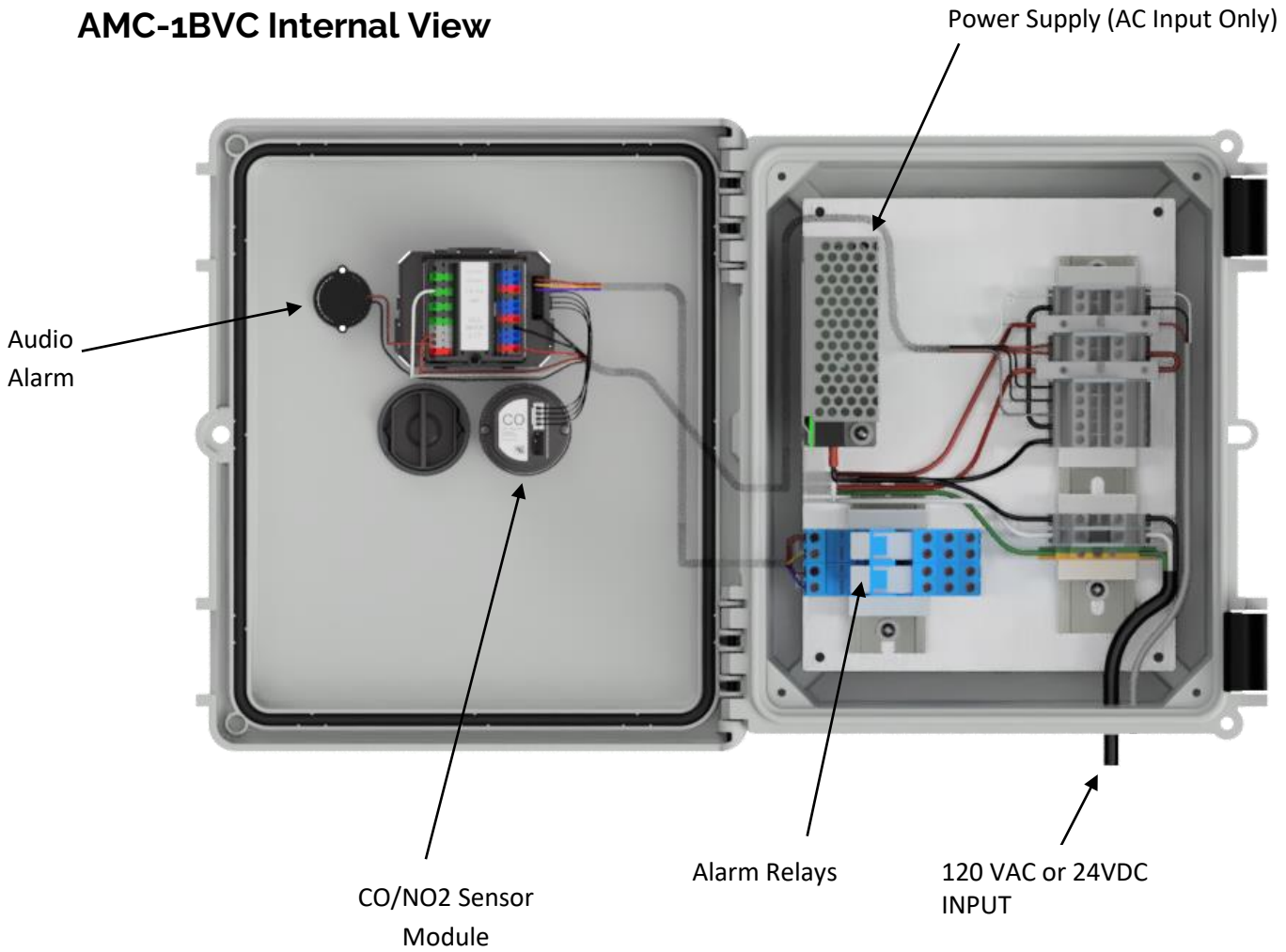
FEATURES

- Alarms disabled during warm up
- System test option in Menu
- User selectable:
 - Activation Delays (5 mins)
 - Minimum Run Timer
- 95 dBa Audio Alarm
- Lockable enclosure with hinged door
- Analog (4-20 mA/0-10 VDC) Output

Combination CO/NO₂ Sensor

- 0-100 ppm CO/ 0-10 ppm NO₂
- Electrochemical Sensor
- Mounted on monitoring unit
- Capable of covering up to 7500 sq. ft. (50 ft radius)

AMC-1BVC Internal View



Warranty: All Armstrong Monitoring equipment is warranted against defects in materials and workmanship for two years from date of delivery, with the exception of sensors. Please contact factory for specific sensor warranty. During the warranty period, we will repair or replace components that prove, in our opinion, to be defective. We are not liable for auxiliary interfaced equipment, nor consequential damage. All warranty returns require a return authorization number. For more information please refer to our Terms & Conditions.

Note: Due to ongoing product development, the manufacturer reserves the right to change specifications without prior notice. The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data. A variety of factors, not limited to variances in temperature, humidity, pressure, vibrations, EMI/RF may impact on the performance of the equipment. Testing within harsh or unusual environments is recommended. Please contact the factory for assistance with field validation trials.

Published sensor data was obtained using a raw sensor in controlled conditions; actual performance may vary due to site conditions.