

### WHAT IS IT?

The MC-6410 Multi-Gas Monitor is a self-contained atmospheric monitoring solution in a rugged, NEMA 4X polycarbonate enclosure. Capable of monitoring multiple gas types simultaneously in dozens of unique configurations, the sensors operate at low current for increased energy efficiency.

Offering a wide range of communications options, the MC-6410 has the ability to operate on multiple network protocols such as 802.11 Wi-Fi, RS485, 4-20mA current loop, or function as a stand-alone monitoring station. The features of the MC-6410 make it a robust and universal gas monitoring solution for any underground or confined space environment.

### FEATURES AND BENEFITS

- Monitor multiple unique gases simultaneously
- Sensors available include:  
CO, CO<sub>2</sub>, CH<sub>4</sub>, O<sub>2</sub>, NO, NO<sub>2</sub>, H<sub>2</sub>, H<sub>2</sub>S, SO<sub>2</sub> and more...
- Diesel Nullifying available using NO and CO sensors
- Calibration data, including last calibration date\*, stored in each individual sensor module
- No tools required for sensor module replacement
- Automatic detection of installed sensors
- Automatic date & time synchronization (*Wi-Fi Only*)
- NETWORK INTERFACE OPTIONS:
  - IEEE 802.11 Wi-Fi
  - Lynx Radio module for AMR Mine Net™ System
  - RS485 for AMR MC-4000 or other control systems
  - 4-20mA Current Loop
- MSHA Intrinsically Safe Approval # 18-A130001

\* Calibration date only available on Wi-Fi enabled models connected to a time synchronization server.



### SPECIFICATIONS

SENSOR TECHNOLOGY	Electro-Chemical, or Infrared CH <sub>4</sub> and CO <sub>2</sub>
ENCLOSURE TYPE	NEMA 4X, High impact, UV-resistant polycarbonate
ENCLOSURE DIMENSIONS	8" W x 10" H x 6" D (20.3 cm x 25.4 cm x 15.2 cm)
UNIT WEIGHT (AC POWERED)	5 lbs (2.27 kg)
UNIT WEIGHT (BATTERY POWERED)	6 lbs (2.72 kg)
OPERATING VOLTAGE	9 - 28 VDC
OPERATING TEMPERATURE (WITH IR SENSOR)	0 to 50 C
OPERATING TEMPERATURE (WITHOUT IR SENSOR)	0 to 70 C
MAX SYSTEM CURRENT (WITH ONE IR SENSOR)	35mA
MAX SYSTEM CURRENT (WITHOUT IR SENSOR)	10mA
DISPLAY	4 Digit LCD
WARRANTY	180 Days