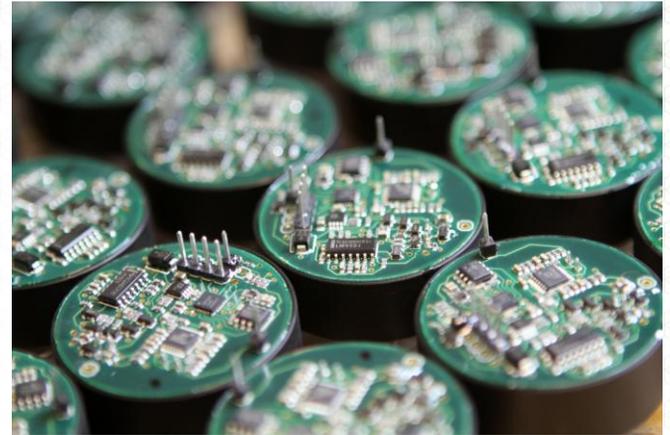# Tunnel Radio Gas Monitor

2 Gas and 4 Gas Sensing

Tunnel Radio MineAx® RFID technology is used to provide very precise group gas measurement 24/7.

Critical gas level information is transmitted wirelessly to the surface from the primary sources deep in the mine. These sensors, installed in our wireless readers, will operate on battery power and provide underground personnel location and gas levels simultaneously to surface computer systems.

Tunnel Radio's Tracking & Gas Sensing is compatible with all major UHF/VHF leaky feeder systems. Installation up and running in under an hour.

Features and Benefits

2 Gas Monitoring and 4 Gas Monitoring

- Seamlessly integrates with MineAx® system, or with all major UHF/VHF leaky feeder systems
- Mounts within Tunnel Radio RFID Readers
- 2 gasses monitored simultaneously / 4 gasses monitored simultaneously
- Monitor humidity, temperature and barometric pressure
- Low power – suitable for battery-powered applications
- Web-based secure remote access
- Easy installation and calibration
- Real time tables and graphs of the past 30 days

Specifications :: 2 GAS		4 GAS :: Specifications	
Measuring Ranges			**Measuring Ranges**
Carbon Monoxide	0 to 680ppm in 1.5ppm increments	Carbon Monoxide	0 to 680ppm in 1.5ppm increments
Methane	0 to 100% LEL in 0.1% increments	Oxygen	15% to 25% in 0.1% increments
		Nitrogen Dioxide	0 to 50ppm in 0.1ppm increments
		Sulfur Dioxide	0 to 50ppm in 0.2ppm increments

TUNNELRADIO
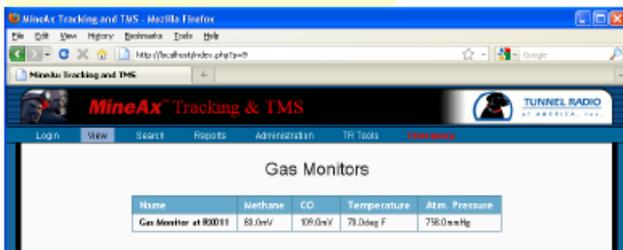
Tunnel Radio Gas Monitor

2 Gas and 4 Gas Sensing Options

The unit also transmits temperature, humidity and barometric pressure readings, providing atmospheric data helpful in evaluating overall mine ventilation system effectiveness, a critical factor in recent mine disasters.
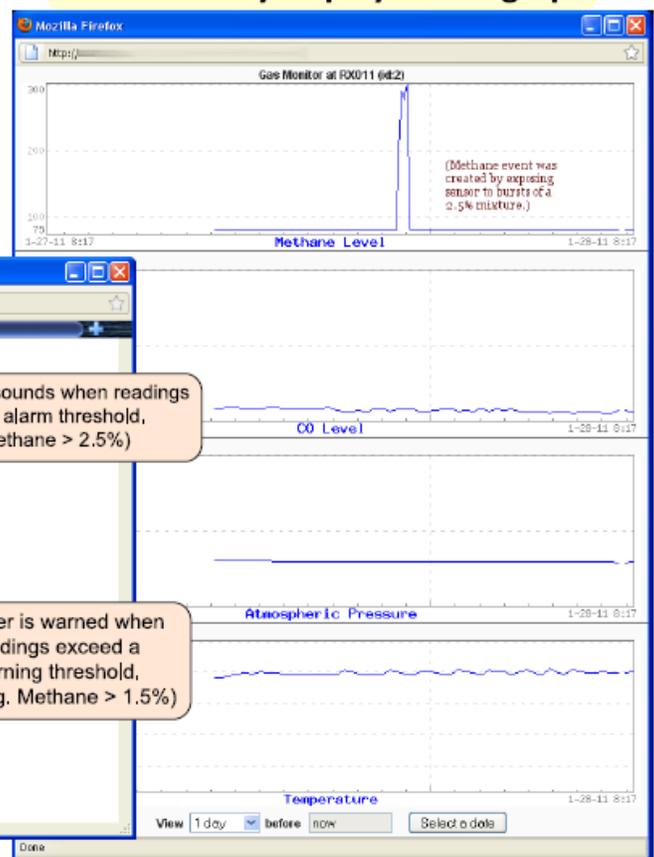
Incorporating the most advanced digital technology available, we provide you with a modern laboratory within a mine. Information may now be viewed from the comfort of the office, home, or Head Quarters. Simply gain access to the local mine computer via the internet, or through the use of most smart devices.

Consolidate your Communications, Tracking, Gas Sensing and System Diagnostics under one roof. With Tunnel Radio's quality products, expert installation, industry savvy and ongoing support combining to make your mine safer and more productive.

Accurate measurements

Sensor history displayed as a graph

Tracking and Gas Monitoring on one map!

Alarm sounds when readings exceed alarm threshold, (e.g. Methane > 2.5%)

User is warned when readings exceed a warning threshold, (e.g. Methane > 1.5%)