



The MicroData® is a two-way radio data transfer system. This system works with the leaky feeder covering all underground travelways. It allows to control a multitude of equipment from an operator interface (in addition or provided by the customer).

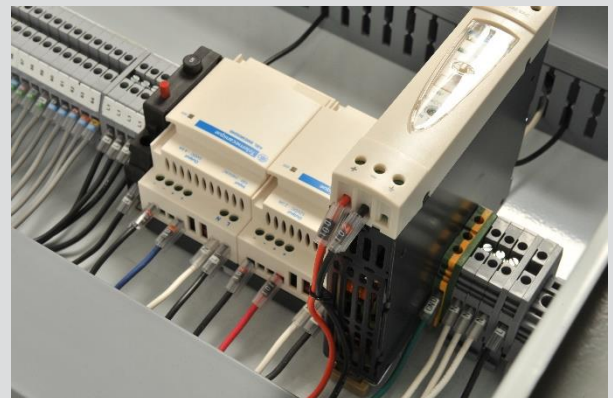
A whole range of devices can be linked to the MicroData® to obtain the data quickly and have the necessary information to make a timely decision.

## FEATURES

- Control wireless fans, pumps, louvers and doors ;
- Monitors gas concentration, airflow, temperature, humidity, water, ore pass and backfill level ;
- Track energy consumption and equipment load factor.

## BENEFITS

- Reduces energy consumption ;
- Remote data reading ;
- Remote control of various equipment ;
- Reduces time of operation ;
- Increases security ;



## Base Station

Ethernet communication  
Modbus ou Modbus Plus options  
On/Off local option  
VHF ou UHF communications  
12 Volt power supply

Base station



MicroData® Wireless Module

## MicroData® Wireless Module

8 inputs 4-20 mA  
16 digital outputs (relay)  
16 digital inputs (relay)  
12 VDC, 24 VDC or 120 VAC



Inside view



## OPTIONAL

To meet your specific needs, additional functionalities can be provided.

### Backfill Solution

The backfill remote control provides a specific backfilling material formula to the factory.

A site sensor is necessary to measure backfilling level.

### Operator's Interface

Meglab can offer you a touch sensitive interface that enables easier data viewing.

(Gas detector, engine start-up or shut-down, engine load reading, airflow monitoring, sending and receiving alerts by mail).

### MicroData® Single Panel

For a single equipment control, a cost-saving, lighter version of the MicroData® is available.

## RELATED PRODUCTS

Fan | Gas sensor | Gas detector | Telecommunication network |  
Leaky feeder

**TO ORDER** | Contact us at [orders@meglab.ca](mailto:orders@meglab.ca)



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