

# Hawk Mesh Radio™

## 900 MHz device-to-device communication

### FEATURES:

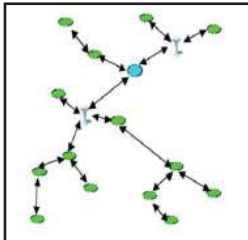
Establishes wireless links to transmit information from multiple points back to a central location

Well suited for areas where each unit does not have a clear line of sight to a central point

2 power modes

5 external inputs -  
4 selectable and  
1 status

Mounts on a standard  
DIN rail



A mesh radio network is a device-to-device communication system. The Hawk Mesh Radio, used at any point in the network, establishes links to transmit information from multiple points back to a central location. It is well suited for areas where each unit does not have a clear line of sight to a central point.

### Hawk Mesh Radio Features:

- 2 power modes
- Low power (1/2-mile)
- High power (30 miles)

### External Inputs

- 5 inputs - 1 status input and 4 selectable inputs choosing from:
  - Analog (i.e. temperature)
  - Status (i.e. well running, well fault)
  - 4-20mA (i.e. pressure & flow meters)
- 1 built-in relay driver
- 2 external relay modules can be attached to allow as many as 8 relay outputs

### Internal Monitoring

- Radio temperature
- RSSI (Receive level)
- Power supply voltage
- Battery terminal voltage



### Protocol

- R5485 Modbus RTU (addressable)

### Input Voltage

- 8 to 32 VDC

### Input Power Consumption

- High Power - 7 Watts
- Low Power - 3 Watts

### Mount

- Standard DIN rail mount

