

# Hawk Mesh Radio

## 900 MHz device-to-device communication network

### FEATURES:

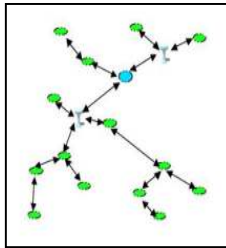
Establishes links to transmit information from multiple points back to a central location

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

2 modes

5 external inputs - 4 selectable and 1 status

Mounts on a standard DIN rail



A mesh radio is a very robust device-to-device communication network that creates a redundant system by establishing

links to transmit information from multiple points back to a central location. It is well suited in areas where each unit does not have a clear line of sight to a central point.



### Hawk Mesh Radio Features:

- 2 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)
  - 4-20 mA (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

- RS485 Modbus RTU (addressable)

#### Input Voltage

8 to 40 VDC

#### Input Power Consumption

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

#### Mount

- Standard DIN rail mount

