

REMOTE MONITORING

EarthRes offers a rentable, mobile remote monitoring solution for all aspects of your operation. Our self-contained customizable units provide wireless continuous monitoring and data logging for multiple remote wireless and wired sensors, and are supported by our experienced technical field team.

KEY FEATURES

- Advanced Programmable Logic Controller (PLC) with built-in data logger and 7" color touch screen
- Wide range of built-in Inputs/Outputs including:
 - ⇒ (12) Digital Inputs, (12) Digital Outputs
 - ⇒ (6) 14-bit Analog Inputs (0-20 mA, 4-20 mA, 0-60 mV, 0-10 VDC, Thermocouple, and RTD)
 - ⇒ (4) 12-bit Analog Outputs
- Supports variety of Ethernet and Serial communication protocols to interface with existing Control / SCADA systems
- Sensors for any application:
 - ⇒ Level, pressure, flow, temperature
 - ⇒ Gas concentrations: LEL, O₂, CO, H₂S, and more
 - ⇒ Motor amps and run status
- 120 VAC power, battery, and/or solar
- Digital video capable for recording or real-time streaming
- Customizable local visual and audible alarms
- Data can be logged on a timed interval, on event, on percent change, and logarithmic
- Built-in GPS for location tracking and real-time clock sync for accurate data logging time stamps



BENEFITS

- Active notifications via email, text, etc.
- Real-time remote monitoring identifies problems and immediately alerts personnel
- Customizable equipment to meet your needs
- We are not only equipment providers, our programmers and engineers work with you to find solutions
- Custom data reporting formats
- Highly portable systems for easy and quick installation at any location, and relocation as needed