

# Gas Distribution Pressure Monitoring Solutions From Telescada



## PRODUCT BRIEF



Telescada's NeXGen™ Remote Terminal Unit is an ultra-low-power instrument designed for the real-time monitoring, alarming, control and data logging of natural gas transmission and distribution systems.

The NeXGen™ communicates via any number of wireless or wired communications mediums to relay real-time pressure, temperature and flow conditions to a central SCADA system via DNP or MODBUS protocols.

### Analog/Digital Inputs and Control Outputs

- 4 (four) Configurable Analog Inputs
- 1 (one) System Battery Supply Voltage
- 8 (eight) Configurable Digital Inputs
- 3 (three) Configurable Control Outputs
- Data & Event Alarming & Recording
- MIN/MAX/AVE/INSTANT Values

### 2-Way Wireless Distributed Control

- USB, RS-232 and RS-485 Comms
- Programmable Modem "ON" Time
- DNP & Modbus RTU/ASCII

### Power, Form Factor & Environment Design

- 6-16VDC Power Input (12mA Draw)
- 6.75" x 5.75" x 1.5" ABS Enclosure
- Operating Temp Range -40° - +80° C
- Class 1, Division 2, Groups C & D



The NeXGen™ SCADA Point

Configured with Rosemount (Foxboro) Pressure Transducers, Rechargeable, Solar-Regulated Battery Power Supply and LTE Cellular 2-Way Wireless Communications in a Vent Post Mounted Welded Aluminum Enclosure



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