

# Extended Series

# 4CW-ES



The 4CWireless – Extended Series is a feature-rich card for advance telemetry and supervisory control applications.

Multiple Digital and Analog IOs can be interfaced with different types of sensors and transmitters. RS485/ RS232 Port is also available to communicate with the field instruments/utility meters. Dual SIM support gives the Network Redundancy along with Telit field tested GSM/GPRS module.

## Specifications

### Electrical:

Supply voltage: 12 ~ 32 VDC  
Current: Variable (100 uA ~ 300mA)

### Analog Inputs:

AI-S: 0 ~ 5V (Fuel, Temp Sensor /TX etc.)  
AI-C: 4 ~ 20mA (Pressure, Flow TX etc.)  
AI-1: 0 ~ 63V/ 0 ~ 33V  
AI-2: 0 ~ 63V/ 0 ~ 33V  
AI-3: 0 ~ 63V/ 0 ~ 33V  
AI-4: 0 ~ 63V/ 0 ~ 33V  
AI-5: 0 ~ 10V/ 0 ~ 5.4V

### Digital Inputs:

DI-1: 0 ~ 33V  
DI-2: 0 ~ 33V  
DI-3: 0 ~ 33V  
DI-4: 0 ~ 33V  
P1: Pulse Input 1  
P2: Pulse Input 2

### Outputs:

4 High Current Relay Outputs

### Communications:

RS-232/RS485  
SPI

## Features

- ✓ Based on Quad Band GSM/GPRS Telit Module
- ✓ High Performance Nano-Watt MicroProcessor
- ✓ Dual SIM support
- ✓ 8 Mbit Flash Memory
- ✓ Real Time Clock
- ✓ Opto-Isolated Digital Inputs
- ✓ Multiple Type Analog Inputs
- ✓ High speed pulse counter to interface with flow meters etc.
- ✓ Dry Relay Contacts for local control/alarms
- ✓ Multiple communication options
- ✓ Status LEDs for DIs, DOs, Power, Network, Health
- ✓ Optional LCD Display