Extended Series   4CW-EX

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

Multiple Digital and Analog Inputs can be interfaced with different types of sensors and transmitters. RS485/ RS232 Port are also available to communicate with the field instruments.

Specifications

Electrical:
Supply voltage: 12 ~ 24 VDC
Current: Variable (10 mA ~ 300mA)

Analog Inputs:
AI-1:   0 ~ 5V/ 0 ~ 10V
AI-2:   0 ~ 60V/ 0 ~ 30V
AI-3:   0 ~ 60V/ 0 ~ 30V

Digital Inputs:
DI-1:   0 ~ 30V
DI-2:   0 ~ 30V
DI-3:   0 ~ 30V
DI-4:   0 ~ 30V
P1:   Pulse Input 1
P2:   Pulse Input 2

Temperature Sensor:
-40°C to +85°C

Communications:
RS-232/RS485
RS232 (Reserved for Comm. Gateway)
SPI
I2C

Features

✓ High Performance Nano-Watt Micro-Processor

✓ 64 Mbit Flash Memory

✓ Real Time Clock with battery backup

✓ Opto-Isolated Digital Inputs

✓ Multiple Type Analog Inputs

✓ High speed pulse counter to interface with flow meters etc.

✓ Multiple communication options

✓ Integrated Solar Charge Controller

✓ Status LEDs for, Power, Charging & Health

✓ Option for Add-on Cards e.g.

4 to 20mA

Solar Charge Controller Module:
4CW-EX has built-in Solar Charge Controller Module. The battery connection is provided with automatic switchover from battery to solar and vice versa depending upon the available solar power