

# Wireless Capacitor Control Solutions From Telescada

## NeXGen™ CCU-462



The Telescada NeXGen™ CCU-462  
Wireless Capacitor Controller  
with integrated Raveon M7 Digital UHF Radio

### ■ Analog Inputs

- 6 (six) 0-5VDC Analog Inputs
- 2 (two) 0-10VAC Analog Inputs
- 1 (one) Single Phase AC Line Voltage Input  
+/-1% accuracy at 117VAC
- Data Recording on Each Input

### ■ Digital Inputs

- 4 (four) Optically Isolated Digital Inputs
- Data Recording on Each Input

### ■ Control Relays

- 2 (two) Rated 30A at 240 VAC
- Configurable OPEN/CLOSE timing
- Configurable safety timer
- Digital Counter with Data Recording

## PRODUCT BRIEF

The Telescada NeXGen™ CCU-462 Wireless Capacitor Controller is a powerful, flexible and economical solution for 2-Way wireless distributed capacitor control, status monitoring and alarming. The NeXGen™ CCU-462 meets the needs of distribution engineers for the monitoring and control of new distribution capacitor banks or the upgrade of limited capability local controllers or one-way switches.

The NeXGen™ CCU-462 provides users with a core of 8 configurable analog and 4 digital status inputs for monitoring. The NeXGen™ CCU-462 dedicated AC line voltage measurement input is accurate to +/- 1% @ 117VAC. The NeXGen™ CCU-462 can also transmit data from an IED (intelligent electronic device), or smart meter via its RS-232 serial communications link.

The NeXGen™ CCU-462 communicates with distributed capacitor control SCADA programs via DNP3 or MODBUS protocols

### ■ Communications

- 1 (one) RS-232/RS-485 IED Comm. Port
- 1 (one) RS-232 Remote/Local Comm. Port
- 1 (one) Ethernet Communication Port
- DNP3.0 / MODBUS Protocols Standard
- Store and Forward Repeating / Routing
- Optional Integrated Communications Packages
  - Verizon® Cellular
  - UHF/VHF/900MHz Digital Radio
  - Silver Spring™ Networks eBRIDGE

### ■ Power Supply & Physical Form Factor

- 120, 240, 480 VAC Input Options
- 8.0" x 8.0" x 4.0" NEMA 4X Enclosure
- 4 or 6 Stab Socket or Pole Mount Options

### ■ Local Controls & Feedback Indicators

- High Brightness External RED/GREEN State LED
- High Brightness External Fault LED
- Local TRIP / CLOSE Pushbuttons
- Local SCADA Lock-Out Switch
- Optional Mechanical Counter

**Monitor, Alarm, Record, Communicate and Control**

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