

# VIKING SCADA 4 & 16 SPECIFICATIONS



## NETWORK SPECIFICATIONS

### RANGE WITH EXTERNAL ANTENNA

Up to 75 miles depending on radio option

### UNITS IN A NETWORK

1 - 255

### RF DATA ENCRYPTION METHOD

Proprietary 16 bit cyclic redundancy checking with 25 channel hopping

### FCC APPROVED

## MECHANICAL SPECIFICATIONS

### DIMENSIONS

11.75 H x 11.75 W x 6.75 D inches

### WEIGHT

8 Pounds

### ENCLOSURE TYPE

Fiberglass with stainless steel hardware

### ENCLOSURE DOOR CLOSURE TYPES

Lockable snap latch or screw close available

### OPERATING TEMPERATURE RATING

-22°F to +165 °C (32 to 104 °F for AC powered version)

## ELECTRICAL SPECIFICATIONS

### AC POWER SUPPLY CERTIFICATION (NOTE 1)

UL, CE, CISPR/FCC Class B

### DC INPUT OPERATING VOLTAGE

10 to 28 Volts DC

### AC POWER CONSUMPTION

<0.5 Amp

### DC POWER CONSUMPTION (AT 12VDC)

0.07 Amp no active relays or 4-20mA; 0.28 Amp with all relays & 4-20mA active

### DC INPUT TRANSIENT PROTECTION

600W TVS surge and RF filters

### ANALOG INPUT TRANSIENT PROTECTION

600W TVS surge and RF filters

## VIKING SCADA 4 & 16

RELAY • SWITCH-CONTACT • PULSE • MODBUS

- PC applications available for complex control, monitoring and alarming capability.
- Receive alarms via phone, text messages, and email. Watch and control your complete lease using any PC on the internet, or cell phone with internet access.
- Run from AC, DC, solar panel all standard. Power fail kit provides days of operation during power loss and automatic battery charge.
- Built in power supply for 4-20mA transducers - no need for an additional power supply.
- Built in control routines for tank / well level control - throw away that unreliable PLC!
- Several radio options available: high power 900MHz ISM band (license free), FCC licensed UHF radios in several power outputs for challenging locations. Fully FCC approved.
- LED's indicate every input contact state, every output relay state, RF transmit, RF receive and system / Modbus activity.

