



Telemetry and Pump Control System

From VSD Controls LLC

Complete Control Solutions for Water Delivery

VSD Controls has combined level and pump control with wireless transmission to simplify water pumping projects. Our base system provides enough I/O and communications for a wide variety of applications, with low cost expansion capabilities.

We use 900 MHz 1 watt RF modems that are capable of transmitting data over many miles and are license free. These radios can operate peer to peer or as a multipoint network using RS 232/422/485 communication. Analog and discreet signals from any device can be processed, transmitted and archived. The many I/O points can report status, operate motors and valves, collect tank, flow meter, or well level data, process alarms and much more. The remote and base unit each have 4 4-20 ma analog inputs and 2 serial communication ports with MODBUS master and slave capabilities. We can often bridge into existing SCADA systems through a dedicated serial port as a MODBUS slave. Optional I/O and communication modules are available to expand the base unit at very reasonable prices.

Modular system design allows for easy, inexpensive expansion. Multiple sites can be networked for supervisory control and data acquisition. Standard platform reduces engineering costs.

We provide UL listed motor control panels with starters, soft starts, and variable speed drives for your wells and boosters.

Automated control of tank levels in remote locations is a breeze. We provide turn key system installation and start up, follow up service and technical training.

PC control systems and internet access to your data is an option. Software customized for your applications.

VSD Controls LLC

11121 E. Calle Vaqueros
Tucson, AZ. 85749
Phone: (520) 760-4186
Fax: (520) 760-8284
vsdcontrols@msn.com
vsdcontrols.com

Base System Specifications:

Remote unit – 4 analog inputs, 8 discreet inputs, 6 relay output. Timers, Counters, MODBUS Master/Slave, 2 Communication Ports. AC or DC power models available, integrated transmitter.

Base unit – 4 analog inputs, 20 discreet inputs, 16 relay output, clock and calendar, 8 PID loops, 3 expansion slots, LCD Display to view data and alarms, Timers, counters, MODBUS Master/Slave, 2 comm. Ports, Integrated transmitter