

Well Watch 600 Series

Specifications

MEASUREMENT:

Units - English (ft & in) or Metric
 Resolution - .05 ft (1 cm)
 Accuracy - .1 ft (3 cm)
 Range - 10 to 2000 ft (3 to 600M)
 Update time - ~1 sec @ 500 ft (150M)

LOGGING:

Extended Memory (optional)- 2GB nonvolatile flash memory for 25 million data points in a windows compatible file.
 Automatic Logging Rates - 1 sec to 60 minutes per sample

POWER:

External Power - 6.5 to 12VDC at 80ma max.
 Do not exceed 16V.
 Real Time Clock (included with DL, extended memory package)
 Li Ion 3V battery CR2032

ENVIRONMENTAL:

Temperature - -10 to 110 F (-20 to 45 C)
 Humidity - 10 to 90% non-condensing

PHYSICAL:

Meter Dimensions - 8.25 x 3.5 x 3.5"
 Probe Tip Dimensions - 1/2", 3/4" and 1" MPT

FEATURES:

Display - 2 x 16 character LCD
 Temperature compensation in unit

INPUT/OUTPUT:

RS232
 RS485 (Modbus)
 4-20mA output
 0-5V Analog output
 5V Alarm output
 USB (included with DL, extended memory package)
 Built-in wireless link for use with remote display



Included with Well Watch Products:

- Well Watch
- Quick Start Guide
- 3 Nozzles (1/2", 3/4", 1")
- Microphone extension tube
- A/C Power adapter
- 1 Year warranty

Optional Accessories:

- Remote Display
- Extended Memory

For more information, contact your local distributor:

Keypad Logging USB

Well Watch 610			
Well Watch 660	✓		
Well Watch 660 DL	✓	✓	✓

Well Watch 600 Series

The Well Watch 600 Series is a line of sonic water level meters designed for semi-permanent installation. These units utilize sound waves and adaptive sensor technology to learn the makeup of a particular well allowing for the most accurate readings. The Well Watch meters were designed to be a solution for the long term monitoring needs of residential, environmental or production well operators.



The Well Watch 600 series comes in a variety of options which are interchangeable to best fit the user's application. The Well Watch 610 is a base unit without a display or keypad, designed to be an output only device. This makes it the perfect economical choice for use with a SCADA system. The Well Watch 660 includes a built-in display with keypad which allows the user to view real time data and to easily control the internal settings. The Well Watch 660DL also comes complete with an internal memory which is capable of storing up to 25 million time/date stamped data points. This is great for monitoring remote wells or as a back up in case of a SCADA system crash.

The optional remote display is compatible with any of the Well Watch models and can be mounted at a separate location, making it easy for the homeowner who wants to monitor their well levels and activity from inside their home. The display can be mounted wirelessly up to 300ft or through RS485 up to 3000ft away.

These units are easy to install in virtually any well setup. Each Well Watch unit comes with 3 MPT threaded nozzles, 1/2", 3/4" and 1" in diameter. Simply choose the nozzle which fits into the vent hole on your well seal and screw the Well Watch tightly in place. Attachments can be used to angle the units for tight fitting spaces since the Well Watch does not need to be vertical to get a good reading. Then, choose from the mutiple output options available to work with your application, including RS232, RS485 (Modbus), 4-20mA, 0-5V Analog, and USB (Well Watch 660 DL only).

- Continuous well level data
- Easy Installation
- Nothing to lower in the well
- Weather resistant
- Optional built in data logger
- Optional remote display