

Well Watch® 670B

Specifications

MEASUREMENT:

Units - English (ft & in) or Metric
Resolution - .05 ft (1 cm)
Accuracy - .1 ft (3 cm)
Range - 10 to 4000 ft (3 to 1200M)
Update time - ~1 sec @ 500 ft (150M)

LOGGING:

Extended Memory - 2GB nonvolatile flash memory for 25 million data points
Automatic Logging Rates - 1 sec to 60 minutes per sample

POWER:

Internal Power - 2 3.7V Rechargeable Lithium Batteries
External Power - 6.5 to 12VDC at 80ma max.
Do not exceed 16V.
Real Time Clock - 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
Internal temperature compensation

INPUT/OUTPUT:

RS232
RS485 (Modbus)
4-20mA output
0-5V Analog output
5V Alarm output
USB

For industrial applications (wells over 10" in diameter), please inquire about the Well Watch 700



Included with Well Watch 670B kit:

Well Watch 670B Sensor
Clear display cover
Quick start guide
3 Nozzles (1/2", 3/4", 1")
Microphone extension tube
A/C Power adapter
2 Rechargeable Batteries
USB Cable
1 Year warranty

Optional Accessories:

10W Solar Panel with Mount (Part 5321-670B)
670B Battery Charger with 2 Rechargeable Batteries (Part 5310)
Set of 2 Rechargeable Batteries (Part 5311)
Cellular Modem with Hosted Site

Well Watch® 670B

Battery Powered Sonic Water Level Indicator

The Well Watch 670B water level indicator with *Sonic Sense* technology utilizes low frequency sound waves to provide accurate, continuously updated measurements for off grid ground water management applications.



- Simple installation in any well configuration
- Data logger stores up to 25 million time/date points
- Weather resistant housing
- SCADA/Telemetry Compatible
- RS232, RS485 (Modbus), 4-20mA, 0-5V, 5V Alarm, USB Outputs
- Additional alarm features available

The Well Watch 670B is the only off-grid sensor on the market with the ability to provide continuously updated, on-site level measurements in wells up to 10" diameter. The low frequency sound waves can travel through wells drilled at any angle, around corners and partial obstructions down to 7000ft. The sensor is easily mounted in a vent hole or access port on the well and provides level data without breaking the seal of the well, thus eliminating the risk of well contamination and product corrosion. The Well Watch 670B is powered by internal rechargeable batteries which can be maintained indefinitely with the optional 10W solar panel.

Water levels are updated at chosen interval rates from 1 second to 60 minutes and are displayed in real time on the LCD screen. The internal data logger can store up to 25 million time/date stamped log points downloadable in .txt format that can be viewed/graphed in any program of the user's choice. Alternatively, the sensor can be paired with a cellular modem to view data remotely on a private site or complimentary hosted page. There is no proprietary software, monthly fee or WiFi requirement.

Product Benefits:

- Real time well levels (static, drawdown, recovery)
- Enables well management and control
- No proprietary software or monthly fees
- Save time/money compared to manual readings
- Protects the investment in pump equipment
- Built in alarm capability in case of emergencies
- Comply with State and Local usage regulations

