

Aquatel D110 Wireless Tank Level Monitor & Alarm

A complete wireless tank level monitoring kit. that can be used for water, oil sewage or any non-flammable fluid.

- ▶ Automatically monitors fluid level.
- ▶ Measures to 4m tank depth
- ▶ Fully wireless- no cables required.
- ▶ Comprising ultrasonic Level Transmitter & separate Display Unit
- ▶ Wireless range, 300m (line of site) can be extended to 1600m using additional antenna or 10km with an antenna at each end.
- ▶ Can be extended to monitor up to 6 tanks by adding additional Tank Units.
- ▶ Individually security coded sets.
- ▶ Temperature Range -10°C to 60°
- ▶ ABS Housings



The Tank Unit is mounted on the top surface of the tank or mounted inside the underground tank/cistern on our AQSMB 316 stainless Bracket.

It uses ultrasonic signals to detect the fluid level in the tank/cistern & then wirelessly transmits this to the Display Unit, which displays the fluid level & system status on an LCD screen.

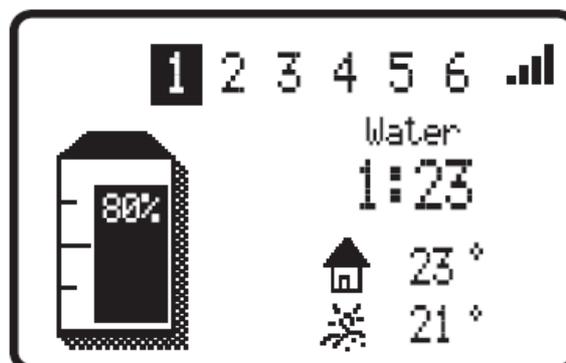
The Display System is also used for setting the system settings such as tank/cistern depth, high & low alarms.

Should more than one tank/cistern need to be monitored, you can purchase additional Tank Units (T110) & run them off your existing D110 Display.

Display Unit Status Screen

Tank number selected (up to 6) →

Tank level →



← Signal strength between units

← Current time

← Temperature at sender & display



Aquatel D110 Kit includes



T110 Tank Sender Unit

Non-invasive ultrasonic measurement

Mounted at the top of the tank (stainless steel bracket available as extra)

Level detection range 0.1m – 4m

Requires 4 x AA batteries



D110 Display Unit

Blue backlit display

High & low level alarms

Mains power supply included – or requires 4 x AA batteries.

Accessories



Tank Mounting Bracket

Constructed from 316 stainless steel

Used to mount the T110 unit inside a tank.



Antenna extension cable

Length 3.6m

Used to site the antenna from the D110 or T110 units in a better position for line of sight



Booster antenna

7 element antenna with 3.6m connection cable.

Gives up to 10dbi gain.

Single unit increases range to 1600m or 10km if used at both ends.

Should be mounted on a mast or roof at least 5ft above ground.



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