



## Eco Monitor

Tekelek's innovative and ergonomically designed monitor which has a multi-function LCD reporting the rate of consumption, monetary cost, and carbon footprint, while continuously monitoring the level of the liquid.

### Applications

- Domestic fuel or water use monitoring
- Average & cumulative consumption reports
- Daily, weekly, monthly, & annual cost & usage reports
- Carbon Footprint Reports
- Wireless Tank Level monitoring



### Benefits

- Ergonomic design with multi-function LCD
- Easy installation and setup
- Continuous monitoring and logging of tank level with 365 day rolling memory
- Room temperature measurement and display
- Supports all tank types
- USB Firmware upgrade
- CE, FCC, RoHS, WEEE



# Specification

Characteristic	Display Receiver (with mains plug)
Dimensions	88mm(3.5") (W) x 49mm(1.9") (L) x 120mm(4.7") (H) ±1mm(0.04")
Weight	252g(0.56lb)
Housing Material	ABS
Operating temperature	0°C to 50°C / -4°F to +122°F
Storage Temperature	-20°C to 60°C / -4°F to +140°F
Altitude range	<2Km/1.25 Miles above sea level
Environmental Protection	IP44 Indoors only
Radio frequency	EU/UK/NZ/AUS: 433.92 MHz FM USA: 914.50 MHz FM
Receiver Sensitivity	-100dBm to -110dBm @ 0.001 BER
Power requirements	150V-240V AC 50-60 Hz, 40mA
Humidity range	0% - 95%
LCD Display	Multi-purpose

## Conformity

EU/UK/NZ/AUS variants meet the intent of Directive 89/336/EEC for Electromagnetic compatibility and the Low voltage directive 73/23/EEC for product safety and the R&TTE directive 1999/5/EC for radio. Compliance was demonstrated to the following specifications as listed in the official journal of the European Communities.

EN 55022,A1,A2	Limits and methods of measurement of radio disturbance characteristics of information technology equipment.
EN 61000	Electromagnetic compatibility
EN 55011	Industrial, scientific and medical (ISM) radio-frequency equipment
EN 60950-1	Safety of household and similar appliances
EN 300 220-3	Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD);
ETSI EN 301 489-3	Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC)
RoHs Compliance	Yes
FCC Compliance	Yes