



Carlon's Universal Remote, A31UR, provides a remote readout of the number of pulse contacts coming from an electric contacting water meter. The A31UR comes in a NEMA-4 box and a UV protected LCD display that can be exposed to the sun. The complete system consists of an electric contacting water meter remotely connected by means of a low voltage two-conductor wire sent from the water meter to the Universal Remote. The A31UR display will show the measuring value; gallons, cubic feet or liters/cubic meters and the units per pulse.

## SPECIFICATIONS

**Display:**

UV Protected Liquid Crystal, 8 Digit, .315" high

**Housing:**

NEMA-4 (UV protected stabilized ABS plastic)

**Power:**

Battery Life expectancy 7-10 years.

**Pulse Input:**

Reed Switch or Capacity Discharge Generated Pulses

Maximum frequency: 10 Hz

Minimum frequency: 0 Hz

Minimum pulse width: 10ms

**Operating humidity:**

100%

**Maximum distance:**

500' (depending on wire and electrical noise ~ 18-20 gauge twisted pair wire)

**Operating Temperature:**

- 40°F to 180°F

**Dimensions:**

Height 4<sup>3</sup>/<sub>4</sub>", Width 3", Depth 1"

**Weight:**

5 oz.

**Measuring Value:**

Gallons, Cubic Feet or Liters/Cubic Meters; plus the signal frequency from the meter 1:1, 10:1, 100:1, 1,000:1