

## AG & RANCH WATER



[www.automationcompany.tech/RanchWater](http://www.automationcompany.tech/RanchWater)

### New Technology

The expansion of low cost satellite communications now makes it possible to monitor water resources at the “fringes” of agriculture. With satellites overhead any remote water source can be monitored from your kitchen or ranch office for a low monthly cost.

### Where?

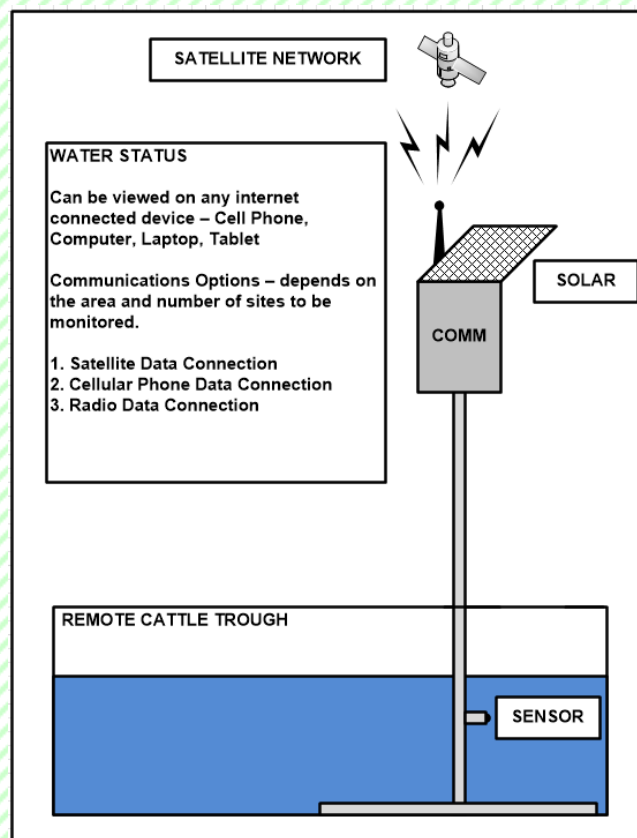
In our travels and explorations across our beautiful American landscape we often come across cattle grazing in remote mountain and desert areas that can take up to half a day of travel to reach, often requiring multiple modes of transportation including trucks, trailers, ATVs and horses.

### Why?

A good stockman probably needs to check on the health of the herd regularly.

But wouldn't it be nice to confirm on a daily basis that your valuable stock is well watered? With a remote water monitor and low cost satellite, cellular or radio communications you can confirm that adequate water levels are available to your remote herds.

### Remote Ranch Water Monitor



### Mounting

The mounting can be modified to monitor water in troughs, ponds and water tanks. To stand up to livestock the water monitor is constructed using a heavy duty steel pole and

the electronics are mounted out of reach 10 feet in the air.

1. Mount in your trough with the base weighted with rocks or sandbags.
2. Mount outside the trough with concrete in a post hole. The water sensor will be encased in steel pipe for protection.

### Water Sensor

The water sensor has no moving parts that can be damaged by cattle, algae or scale.

### Sensor Options

1. Point Level – Detects Water Present
2. Continuous Level – Measures Water Level

### Water Status

Can be viewed on any internet connected device – Cell Phone, Computer, Laptop or Tablet

Communications Options – depends on the area and the number of sites to be monitored.

1. Satellite Data Connection
2. Cellular Phone Data connection
3. Radio Data Connection

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Ranch Water



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We are also factory trained specialists in utility radio telemetry and we can bring remote site data and controls to your control room or office.

### **Contact our Lead Engineers**

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