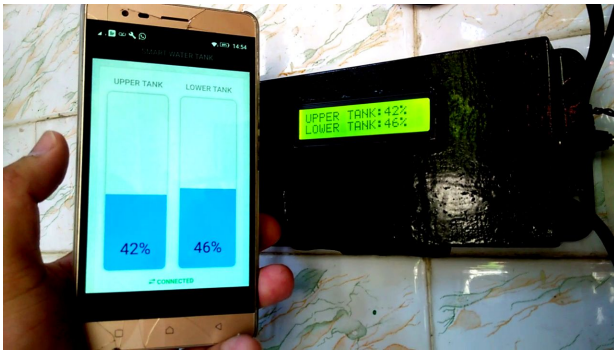


SMART WATER METER

2.4 GHz WIFI



It also automatically controls your water motor upto 2 Hp so that you will get uninterrupted water supply in your bathrooms.



WHAT IS SMART WATER METER ?

SMART WATER METER system is micro-computer based patented device & software designed by **SCORTUAL TECH PVT LTD** with IIT-Bombay alumniees for daily use 24x7 in homes, offices and commercial buildings for efficient Water Management, Analysis and Purification.

Water is a limited resource and in our homes, IT parks and commercial buildings proper water management is still a big issue. Our planning always fails for proper water management due to lack of data. To solve that problem this device is designed.

It uses Ultrasound Gun of high intensity to scan inner portion of your water tank.

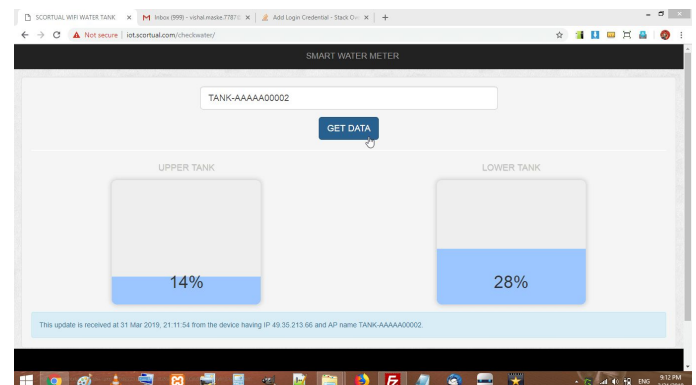


This high intensity Ultrasound Gun also helps to kill disease causing bacteria and viruses from your tank water and makes it safe for drinking.

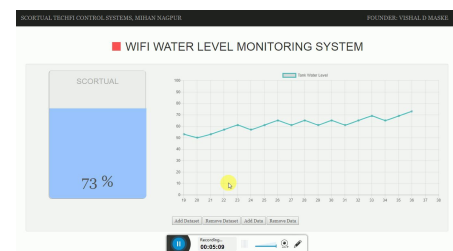


You can view the water level status online from anywhere using this following link.

<http://iot.scortual.com/checkwater/>



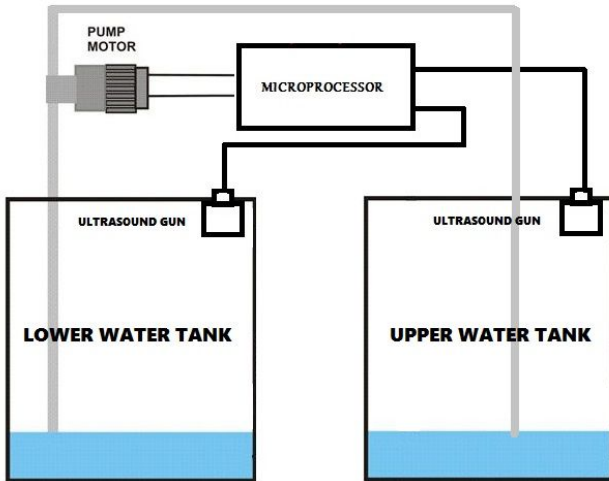
This device data can be accessed easily using any high level computer programming lang. This data can be used to plot graphs, take some action or to store in database for further processing.



We can also connect this device to internet by port forwarding to monitor its data from remote location.

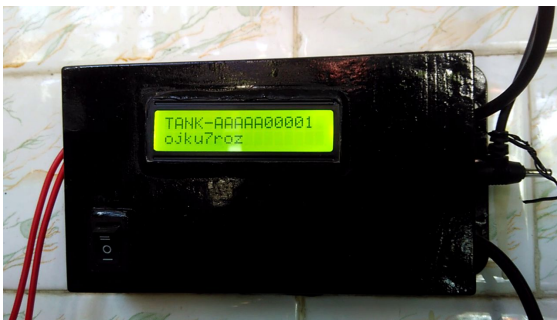
HOW TO INSTALL SMART WATER METER?

- Installation of SMART WATER METER is a very easy process. If you are used to handling normal tools you can do it by yourself or call any local plumber.
- This system contains 3 parts One Central Processing Unit and 2 High Intensity Ultrasound Guns.



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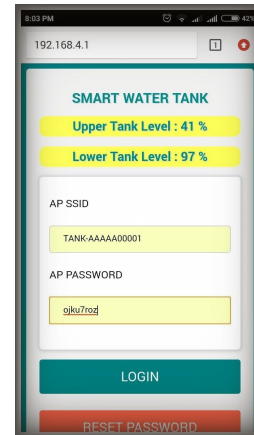
- You will have to make connections to the Ultrasound Guns using 4 core shielded cable to right side terminals of the device. Make sure color codes of wires of both microprocessor and Ultrasound Gun are connected properly.
- We will provide 50 feet wire with this package which is sufficient for normal duplex. You can extend the length of the wire depending on your requirement. Device will work fine even with 1000 feet wire.
- If you want to control motor, connect live wire of your motor plug to motor wire terminal to left side of the device.



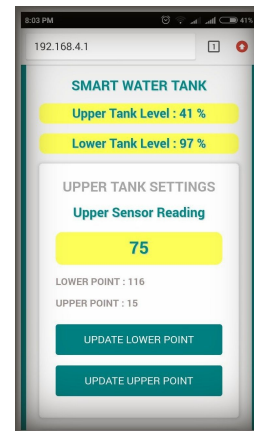
- After connecting it, you need to configure Ultrasound Guns as per your tank dimensions.
- To connect device you need AP USERNAME AND PASSWORD. It will be displayed on the

screen when device first setup its Access Point network as shown in above image. Take a screenshot of it using your smartphone.

- This device will set up its own WIFI network. Search it, and connect using AP credentials.
- Now open any browser and type 192.168.4.1 to open device admin panel. Use AP credential to login to the device.



- After login you can configure Ultrasound Guns of your Upper and Lower Tank.



- Empty your tank and refresh the page, you will see some units corresponding to your tank state. Click on UPDATE LOWER POINT. This will be your 0% reading.
- Similarly to update Upper point. Fill your tank to highest level and refresh the page. you will see some units corresponding to your tank state. Click on UPDATE UPPER POINT. This will be your 100% reading.
- Similarly do this to configure your lower tank ultrasound gun.
- After configuring Ultrasound Guns your configuration process is complete. Restart device. It will show water level as per stored configuration.
- You can also connect easily to device using Smartphone Mobile app.

