

K R I T S N A M
TECHNOLOGIES

DHAARA SMART

ULTRASONIC WATER FLOW METER

DEVELOPED FROM IIT KANPUR



Applications

- ▶ Ground water extraction as per CGWA 2020 guidelines
- ▶ Water treatment plants , RO plants , Rainwater Harvesting , STP
- ▶ Water distribution within the industrial / commercial / residential units
- ▶ Rural water supply schemes , Municipal water distribution
- ▶ Irrigation & Agriculture



Key Features

- ▶ Battery/Mains operated meter with inbuilt GPRS/3G communication
- ▶ Ultrasonic Transit Time principle based flow measurement
- ▶ Non-contact measurement to make it more durable
- ▶ Certified from FCRI
- ▶ Easy to install and Plug & Play with low maintenance
- ▶ Real-time data on your web & mobile dashboards
- ▶ Real-time and event triggered alerts on WhatsApp/SMS/E-mail
- ▶ Integration with third party applications using web APIs

Specifications

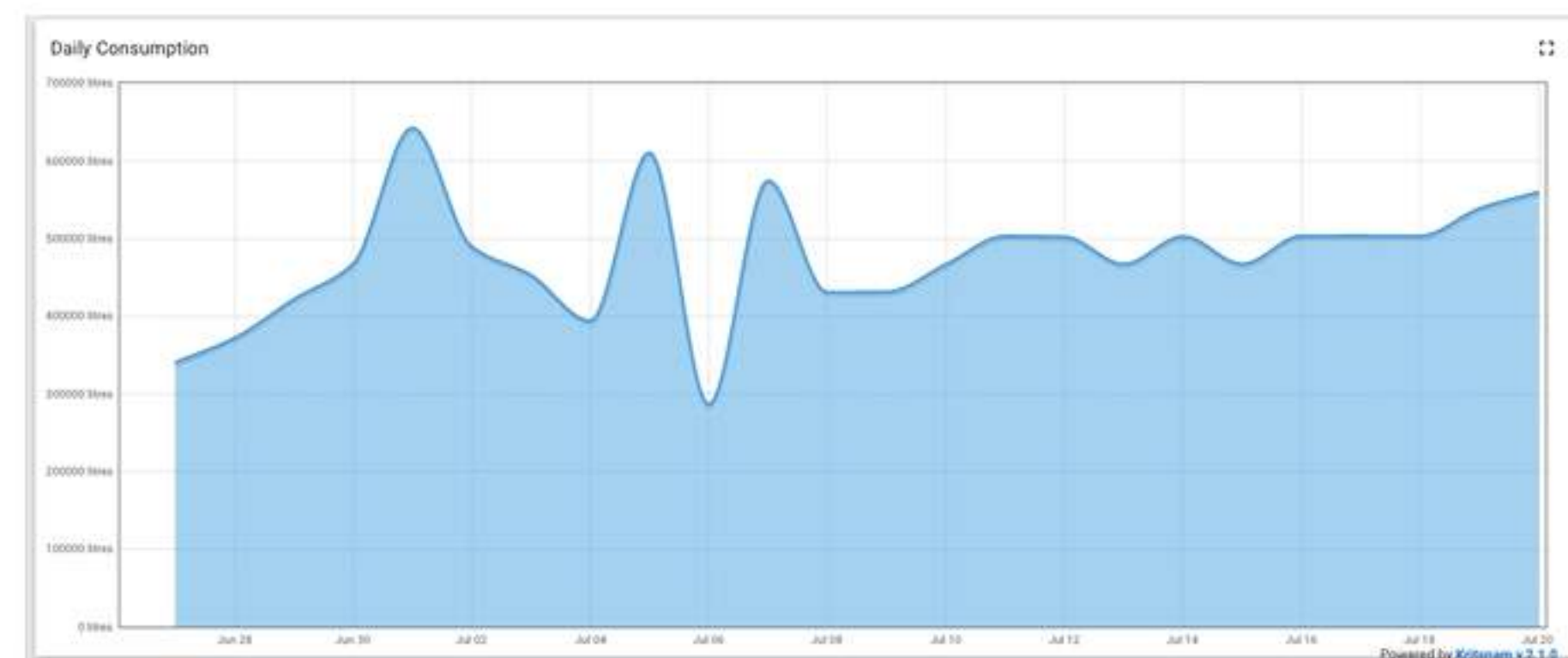
Model	WFUB50P	WFUB100P	WFUE50P	WFUE100P
Diameter	50mm/2inch	100mm/4inch	50mm/2inch	100mm/4inch
Flow Rate	0 - 10 LPS/0 - 36 m ³ /h	0 - 40 LPS/0 - 144 m ³ /h	0 - 10 LPS/0 - 36 m ³ /h	0 - 40 LPS/0 - 144 m ³ /h
Power Source	2D size Li Battery		220 V AC	
Battery Life	5 Years*		1 day backup	
Technology	Ultrasonic Transit Time			
Communication	Inbuilt GPRS/3G			
Display	LCD display with flow rate, totalizer and trip reset option			
Resolution	+/- 0.001 LPS			
Accuracy	+/- 2%			
Materials	Cast Iron casing & PVC enclosure			
Protection	IP 67			
Data Transmission	Customisable as per the requirement			
Data Storage	Secured Cloud Storage			
Data Access	Private access through Web & Mobile dashboard , SMS , WhatsApp , E-Mail			

*With 1 transmission per day. Battery life may vary if we change the data communication frequency.

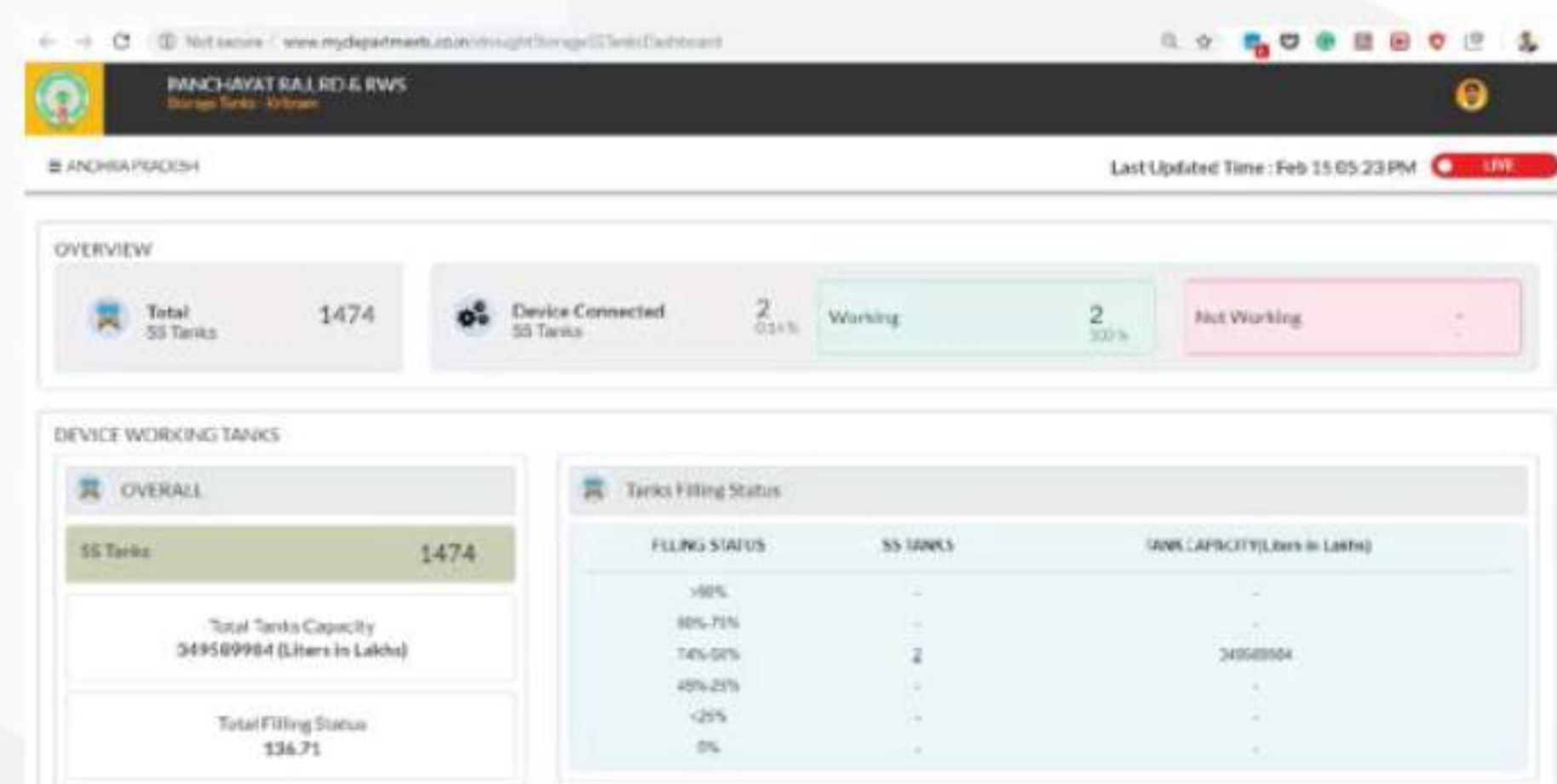
Data Analytics , Reports and Notifications



Reports at fingertips - WhatsApp



Dashboard with graphs



Integration with ERP and other dashboards

Our Happy Customers



About Us

- Award winning company incubated from IIT Kanpur
- Technology built and commercialised by IIT Kanpur alumni & faculty
- Core strength in Hydraulics , Instrumentation and Data Analytics
- ISO 9001: 2015 certified company

Our Supporters



Contact Us



Kritsnam Technologies Pvt. Ltd. ,
1st Floor , A-block , Old SAC ,
Indian Institute of Technology Kanpur (IIT) ,
Kanpur , UP ,
India , 208016
Phone: (+91)512-259-5321 , (+91) 7829427215
Email : contact@kritsnam.in, vinay@kritsnam.in

