

TRITECH FIXED STATION - TSS & VIDEO

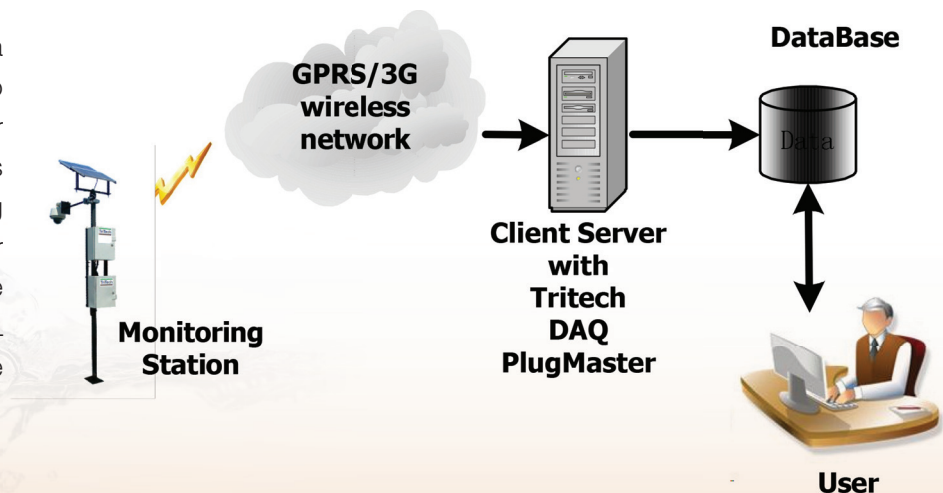


- Fully automated surface water TSS monitoring
- Modular design concept with option of add-on video surveillance camera
- Independently powered by solar with low power design
- Suitable for drainage and outlets monitoring

TriTech real-time monitoring station is a fully automated monitoring system, which automatically measures and transmits the data over the internet via GSM/GPRS/3G network.



To check the realtime data instantly, customer just need to install TriTech DAQ plugmaster software in any server that is linked to internet. Upon receiving the data, the software checks for error, verifies its validity, before proceeding to write into SQL database that is installed in the customer's server.



Customer can access the data any time in any of the electronic device, by connecting to the SQL database directly via standard SQL query. Data viewable includes real-time value of any parameter, system operating status like system voltage, data logger's health and etc. This great feature enables the customer to have in-time and in-depth information about the far-away monitoring station, without having the hassle to go down and download the data manually.

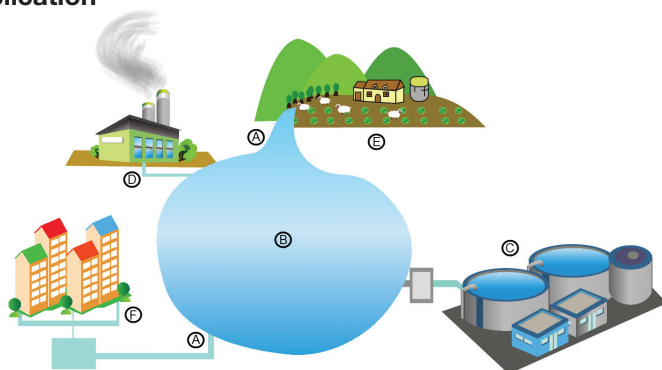
Technical specification for standard parameters					
Parameter	"Measuring Principle"	Range	Accuracy	Resolution	Reference Standard
TSS	60° scattering	0 - 1000 mg/l	±5%	0.1 mg/l	EN ISO 7027

Technical specification for video parameters	
Minimum Illumination	0 Lux
Resolution	PA = 752(H) X 582(V)

Structure Parameters	
Dimension	150mm (depth) *350mm (length) *1500mm (height)
Material	Stainless Steel
Weight	70 kg

System Parameters	
Power Source	Solar Power 100W
System Operating	14 days of continuous operation without sunlight
Operating Temperature	4°C - 40°C
System Safety	Real-time anti-theft alert
Communication	Wireless GSM/GPRS/3G network
Data format	HJ/212-2005 , GB/T16706-1996

Application



The fix station of TSS is best for:

Type A: Reservoir Inlet

Type D: Discharge outlet
(Factory/Agricultural/Municipal)

Project Profile

Project Name	Supply of services for Real-time monitoring of total suspended solids (TSS) at the Drainage Outlets in Waterbodies - CW-DD/3100021
Project Description	15 Fix Station of Water Level and TSS Monitoring System
Customer	Singapore Public Utilities Board
Contract Period	2010-05-17 - 2012-05-16

