

Wireless GSM/GPRS Remote Monitoring System

Wastewater Remote Monitoring Application

This device is designed to measure and manage the level of wastewater effluent and influent of PH, Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), and Total Suspended Solids (TSS).

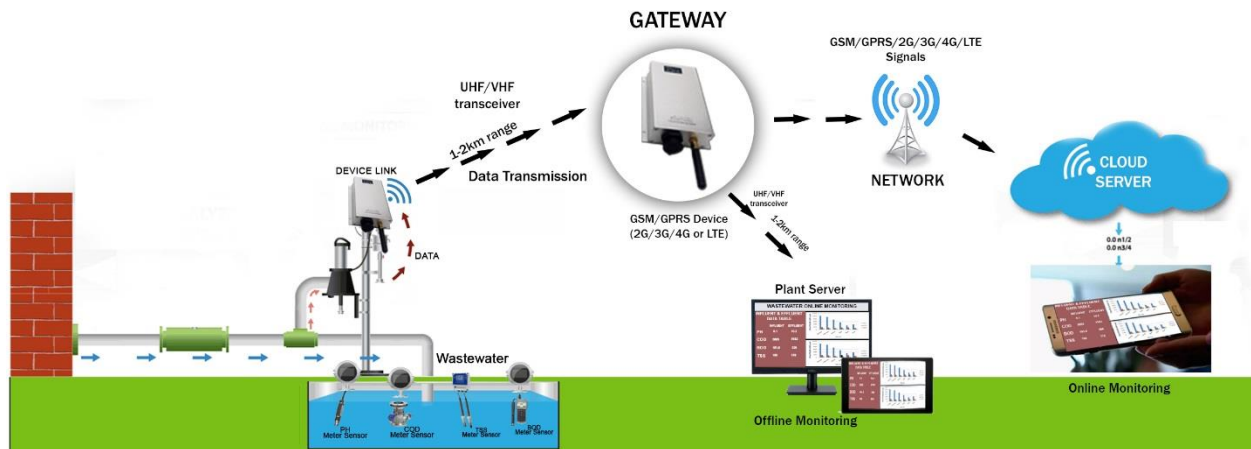


Fig.1 Wastewater Remote Monitoring System

The data transmitted from the Cloud GSM/GPRS Monitoring will then be stored to the database which can be accessed and monitored through the web platform of a computer browser. The platform is designed with data table and graphical chart to monitor and review the real time and recorded data via mobile phone or a web browser

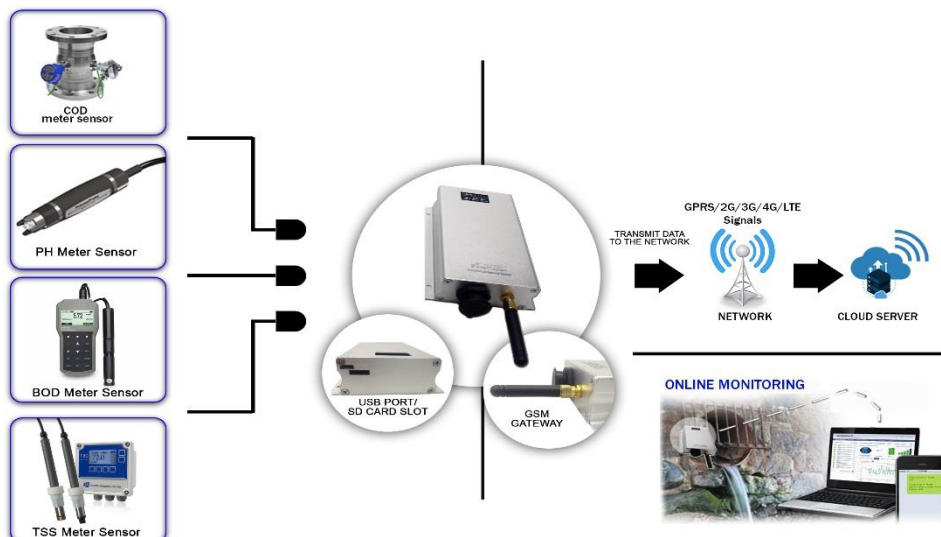


Fig.2 Device Function

Standard Values

DATA MONITORING OF THE FOLLOWING INSTRUMENTS AND SENSOR VALUES FOR DENR REQUIREMENTS		
REQUIRED PARAMETERS	SAMPLE INFLUENT	SAMPLE EFFLUENT
PH (6-9)	5.72	8.13
BOD, mg/L (120)	11048	3.00
COD, mg/L (250)	0	69.45
TSS, mg/L (200)	7660	23.5

WASTEWATER INFLUENT/EFLUENT ANALYSIS