

HTT 2000 SFM

Satellite Monitoring and Control



High Tide Technologies' solution for remote monitoring of the daily flows within your sewer system allows you to view the current readings of the sensors as well as obtain the history of received readings for a particular sensor from the comfort of your home or office. Level, flow, and rainfall data are transmitted wirelessly to a central server on a daily basis. You can manage your data via the internet, obtain a detailed history reading from any of your sensors, and be notified during alarm conditions such as overflow, low flow, loss of power, and low system battery. All of this can be done while avoiding hassles such as heavy traffic, lane closures, traffic control, and permits. Multiple users can view near real time data accumulated by the sensors. Customers have the option of downloading the data from our server to their own software, as well.

Typical Applications:

- In Pipe Sanitary Sewer Flow Monitoring

Hardware Features:

- Built in satellite modem
- Compatible with TelemetryVIEW Web-based SCADA services
- No towers, repeaters licenses or RF surveys required
- Simple installation and service
- No antenna aiming
- A/C, solar or DC powered
- 5 Digital alarm inputs (3 counters)
- 5 Analog level inputs (4-20ma or 0-5V)
- 24V loop power for 2-wire sensors
- 5 Digital outputs for pump control
- Optionally installed relays
- Optional rain gauge
- Battery backed up with power fail alarms

System Features:

- Secure access from any Internet connected computer
- 24 hour customer support
- Text pager or cell phone text alarms
- History graphs for tank and pump statistics
- Daily starts and runtime reporting for pump stations
- Up to 4 user configurable alarms for each analog input
- Various automatically generated reports in Excel format stored on servers



Input Power	110/220 VAC or solar or 18-30v DC
Backup Power	12v DC lead acid 7-14 Days minimum
Modem	Stellar ST-2500
Antenna	Antenex Compatible
Enclosure	NEMA 4 FIBERGLASS
Digital Inputs	5 Dry contact (3 Counter)
Analog Inputs	5 (4-20ma or 0-5V)
Outputs	5 Digital
Satellite Vendor	ORBCOMM, LLC
Communications	User configurable
Storage Temp	-40 ~ 60 °C
Operating Temp	-20 ~ 60 °C
Humidity	0~100% non-condensing
Product Life	Est. 5-yr for Battery
Alarm Conditions	External power loss Low battery Pre-set level/flow events Pump failure