SmartTrend™

Anticipate Events Before They Happen

SmartTrend™ is a software tool that enables SmartCover™ users to anticipate overflow events at remote monitoring sites long before they occur. SmartTrend automatically scans each site assessing trends in the collection system. It determines conditions and sends advisories to users when a trend is discovered. Users have the most advanced method available to identify future issues, including alarms indicating a SSO, before they occur. SmartTrend aids users and promotes advanced planning.



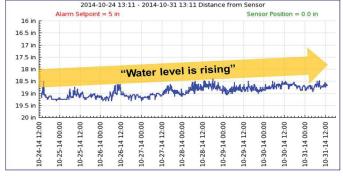
SmartTrend can be used in various applications including:

- Wastewater Collection Systems
- Raw Water Conveyance Systems
- Storm Water Systems
- Any Open Water Channel

How SmartTrend Works

SmartTrend advisories can be sent via email or text message. The frequency of remote site analysis is user selectable, up to four times per day. In addition to assessing level trends, **SmartTrend** also advises users concerning SmartLevel maintenance and operations.

SmartTrend is an exceptionally powerful management tool for making preemptive maintenance decisions before alarms occu



maintenance decisions before alarms occur. **SmartTrend** looks for anomalies that may predict future events.

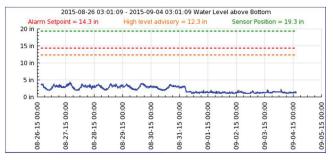




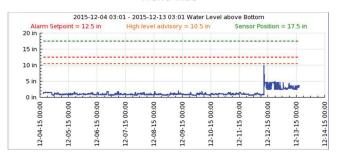
Unique SmartTrend Features

- Operational costs are lowered with regular business hours response.
- Risks are eliminated by avoiding after hours emergency response
- Managers, supervisors and engineers acquire a new tool to increase efficiency with fast and easy situational assessment.
- Provides a compliment of reporting types.

Trend Fall



Trend Rise



SmartTrend Specifications

SmartLevel™ Unit	
Weight	4.5 lbs.
Size	5" x 6" x 6"
Power	3.6 VDC SmartCover® PowerPack™
Battery Life	24 months - nominal
Environmental	NEMA 6P, IP-68
Mounting	Mechanical Mount
Antenna	Low profile traffic rated reflector or round type
Level Sensor Range	3 inches to 81 inches with option to 20 feet
Level Sensor Resolution	0.1"
Intrusion Detection	3 – axis, continuous
Temperature Range	-40°C to 80° C

SmartTrend™		
Access	Via log-in to SmartCover dedicated user website	
Versions	User configurable site analysis tools	
Reports	 Diurnal Pattern Report - Typical flows with repetitive daily pattern Flatline Report - Indicates sensor alignment issue Near-Flatline Report - Indicates little variation from low flow or sensor misalignment Irregular Pattern Report - Indicates communication breaks caused by physical interferance with transmission Intermittent Communication Pattern Report - Indicates communication breaks caused by physical or RF interference with transmission 	

Local SmartCover Support Provided By



