

2022

PRODUCT

CATALOG



ECOSiren®



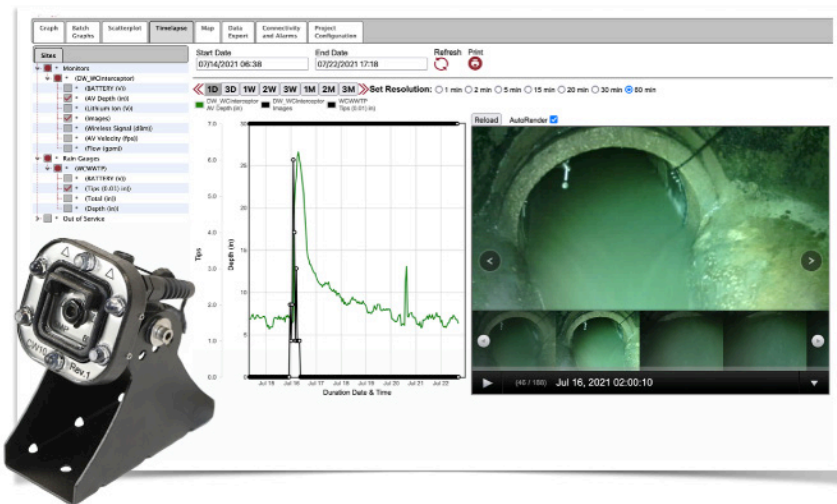
MULTI-SENSOR FIELD MONITOR WITH VISION

The ECOSiren® is a multi-sensor autonomous wireless monitoring platform designed for scientific research, delivering data to your desk every time. The built-in multi-media platform allows direct connection of our optional vision camera taking simultaneous pictures that correlate directly with sensor readings. Automatically receive alarm emails and text messages with images showing the alarm event details and severity.

Instantaneously upload data for analysis to BlueLive® Cloud, DropBox®, Google Drive® or FTP location of your choice. Future proof worldwide LTE wireless module supports multiple countries and cellular frequencies, WiFi option also supported.

Partially encapsulated, and built like a tank to withstand outdoor monitoring conditions.

With sensor options to meet the demand of today's environmental monitoring challenges, the ECOSiren® is the go-to device for short and long term, fast turn-around scientific and industrial data acquisition.



OPEN CHANNEL FLOW KITS



Single Flow AV Kit

No Wireless:
(ECO-AV)

4G LTE Wireless:
(ECO-4G-AV)

Open channel flow monitor, great for sanitary and storm sewer monitoring. Kit comes complete with Dual Wave Doppler AV Sensor.

Monitor with Vision®



Micro Flow AV Kit

No Wireless:
(ECO-MF)

4G LTE Wireless:
(ECO-4G-MF)

Low flow monitor, great for monitoring sewer level and velocity in pipes with depths less than one inch.

Monitor with Vision®



CSO Alarm and Flow Kit

No Wireless:
(ECO-2AV-UL-3FLT)

4G LTE Wireless:
(ECO-4G-2AV-UL-3FLT)

Complete Combined Sewer Overflow kit. Monitor both dry and wet weather pipes in the same overflow chamber, complete with flow, level and alarm switch sensors.

Monitor with Vision®



Non-Contact Flow Kit

No Wireless:
(ECO-RV-RL)

4G LTE Wireless:
(ECO-4G-RV-RL)

Non-Contact flow monitoring kit, including surface radar velocity and radar level sensors. Great for rivers and hard to monitor sewer locations.

Monitor with Vision®



DEPTH & LEVEL KITS



Pressure Depth Kit

No Wireless:
(ECO-PD)

4G LTE Wireless:
(ECO-4G-PD)

Monitor up to 30ft of pressure depth in flowing pipes and streams. Great solution for monitoring level in pipes and overflow locations that surcharge beyond their design capacity.

Monitor with Vision®



Radar Level Kit

No Wireless:
(ECO-RL)

4G LTE Wireless:
(ECO-4G-RL)

Accurately monitor from 0 to 8m (25ft) or 0 to 15m (50ft) using the Radar Level Kit. Easy to install and use makes this a great solution where continuous reliability and accuracy are required.

Monitor with Vision®



Ultrasonic Level Kit

No Wireless:
(ECO-LRUL)

4G LTE Wireless:
(ECO-4G-LRUL)

Long Range (20ft) Ultrasonic Level kit is a great economical solution when sensing water level from tops of manholes or bridges. Ideal non-contact overflow solution.

Monitor with Vision®



In-Pipe Level Kit

No Wireless:
(ECO-SRUL)

4G LTE Wireless:
(ECO-4G-SRUL)

Short Range, Dual Wave, Ultrasonic Level Kit is great for accurately measuring level in tight spaces. Excellent solution for measuring depth in weirs, flumes and smaller sewer pipes.

Monitor with Vision®



SAMPLER & WATER QUALITY KITS



Water Quality Kit

No Wireless:
(ECO-WQ)

4G LTE Wireless:
(ECO-4G-WQ)

Monitor pH, EC, ORP, Temperature, Dissolved Oxygen and more. Optional vision sensor can be submersed and used as underwater water quality camera.

Monitor with Vision®



Water Quality Flow Kit

No Wireless:
(ECO-AV-WQ)

4G LTE Wireless:
(ECO-4G-AV-WQ)

Monitor single or multiple water quality parameters including pH, EC, ORP, Temperature, Dissolved Oxygen and more. Easily determine chemical loading when combining water quality with flow measurement. Optional vision sensor can be submersed and used as underwater water quality camera.

Monitor with Vision®



Flow Proportional Sampler Controller

No Wireless:
(ECO-FLOSAMP)

4G LTE Wireless:
(ECO-4G-FLOSAMP)

Complete sampler controller with dual trigger, one for flow proportional and the second for sensor alarm trigger. Supports all ECOSiren® sensors, including flow, water quality and vision.

Monitor with Vision®



Flow Proportional Sampler Controller and Water Quality Sensor

No Wireless:
(ECO-AV-WQ-SAMP)

4G LTE Wireless:
(ECO-4G-AV-WQ-SAMP)

Complete sampler controller with dual trigger, one for flow proportional and the second for sensor alarm trigger. Supports all ECOSiren® sensors, including flow, water quality and vision.

Monitor with Vision®



CLOSED PIPE FLOW & WEATHER MONITORING KITS



Closed Pipe Flow Kit

No Wireless:
(ECO-FULLQ)

4G LTE Wireless:
(ECO-4G-FULLQ)

Monitor 1/2 inch to 6 inch water mains and force mains using the ultrasonic Doppler non intrusive flow monitor. Determine line blockage and hot water consumption. Great for commercial water monitoring and studies.

Monitor with Vision®



Portable Pump Station Kit

No Wireless:
(ECO-PMP)

4G LTE Wireless:
(ECO-4G-PMP)

Accurately monitor your pump station performance by measuring pump energy and discharge. Easily build and verify design curves against actual performance and gain pump station efficiency.

Monitor with Vision®



Portable Weather Station Kit

No Wireless:
(ECO-WS)

4G LTE Wireless:
(ECO-4G-WS)

Complete portable weather station allows you to monitor critical weather parameters using scientific grade sensors. Monitor rainfall, wind direction and speed, humidity, barometric pressure, UV index and more.

Monitor with Vision®



Rainfall Monitor Kit

No Wireless:
(ECO-RG)

4G LTE Wireless:
(ECO-4G-RG)

Portable rainfall monitor, simply find a clear area set up your rain gauge and walk away. Data will be automatically delivered to your desk. Economical or lab grade tipping bucket rain gauges to choose from, or connect your won with our universal RG-Cable.

Monitor with Vision®



FLOWSiren®

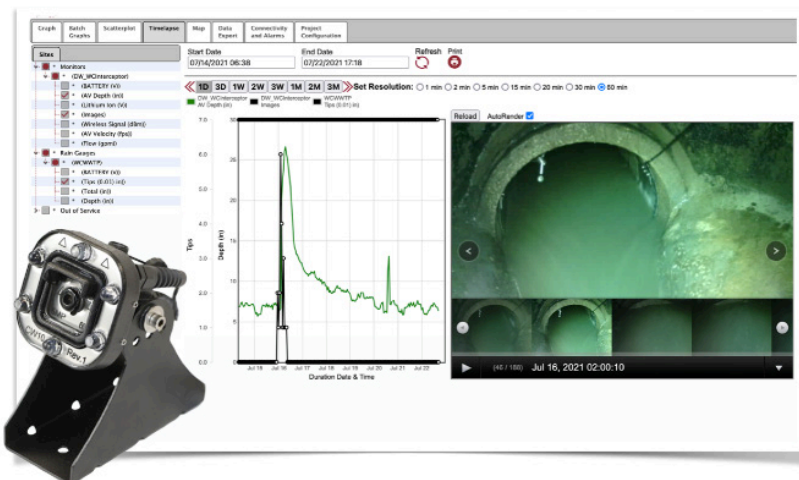


MULTI-SENSOR FIELD MONITOR WITH VISION

The FLOWsiren® is a multi-sensor autonomous wireless flow monitoring platform designed to work in the harshest conditions, delivering data to your desk every time. The built-in multi-media platform allows direct connection of our vision camera taking simultaneous pictures that correlate directly with sensor readings. Automatically receive alarm emails and text messages with images showing the alarm event details and severity.

Instantaneously upload data for analysis to BlueLive® Cloud, DropBox®, GoogleDrive® or FTP location of your choice. Future proof worldwide LTE wireless module supports multiple countries and cellular frequencies, WiFi option also supported.

Fully encapsulated, and built like a tank to withstand the harshest of monitoring conditions, make this your ideal choice for sewer and outdoor environmental monitoring.



FLOW & LEVEL KITS



Single Flow AV Kit

No Wireless:
(FLOPRO-AV)

4G LTE Wireless:
(FLOPRO-4G-AV)

Single Pipe Ultrasonic Doppler Flow Monitor using Dual Wave Area-Velocity Technology.

Monitor with Vision®



Dual Flow AV Kit

No Wireless:
(FLOPRO-2AV)

4G LTE Wireless:
(FLOPRO-4G-2AV)

Dual Sensor or Dual Pipe Ultrasonic Doppler Flow Monitor using Dual Wave Area-Velocity Technology.

Monitor with Vision®



Micro AV Low Flow Kit

No Wireless:
(FLOPRO-MICROQ)

4G LTE Wireless:
(FLOPRO-4G-MICROQ)

Monitor flows less than 1 inches deep using the FLOWSiren Low Flow Kit with Micro Velocity and In-Pipe (Low Dead Band) Level Sensor.

Monitor with Vision®



Non-Contact Flow Kit

No Wireless:
(FLOPRO-RV-RL)

4G LTE Wireless:
(FLOPRO-4G-RV-RL)

Non-Contact Flow Monitoring Kit, including Radar Velocity and Radar Level. Great for rivers and hard to monitor sewer locations.

Monitor with Vision®



FLOW & LEVEL KITS



Auto Cal AV Kit

No Wireless:
(FLOPRO-AVAUTO)

4G LTE Wireless:
(FLOPRO-4G-AVAUTO)

Installation of redundant level technology combined with smart operating code allows for a self-calibrating level system. Great for hard to monitor locations.

Monitor with Vision®



Radar Level Kit

No Wireless:
(FLOPRO-RL)

4G LTE Wireless:
(FLOPRO-4G-RL)

Accurately monitor from 0 to 8m (25ft) or 0 to 15m (50ft) using the FLOWSiren Radar Level Kit. Easy to install and use makes this a great solution where continuous reliability and accuracy are required.

Monitor with Vision®



Ultrasonic Level Kit

No Wireless:
(FLOPRO-LRUL)

4G LTE Wireless:
(FLOPRO-4G-LRUL)

FLOWSiren Long Range (20ft) Ultrasonic Level Kit is a great economical solution when sensing water level from tops of manholes or bridges.

Monitor with Vision®



In-Pipe Level Kit

No Wireless:
(FLOPRO-SRL)

4G LTE Wireless:
(FLOPRO-4G-SRL)

Short Range, Dual Wave, Ultrasonic Level Kit is great for accurately measuring level in tight spaces. Excellent solution for weirs, flumes and sewers.

Monitor with Vision®



OVERFLOW ALARMING KITS



Overflow Alarm Monitor Kit

No Wireless:
(FLOPRO-3FLT)

4G LTE Wireless:
(FLOPRO-4G-3FLT)

Easily monitor when a sewer is overflowing using single or multiple critical alarm switches. Simply install the switch at the overflow level and wait for the alarms. Receive pictures and time-lapse video of the event in real time.

Monitor with Vision®



Overflow Alarm w/ Flow & Volume Kit

No Wireless:
(FLOPRO-AV-3FLT)

4G LTE Wireless:
(FLOPRO-4G-AV-3FLT)

Monitor for real time overflow alarms and measure overflow flow and volume using the Dual Wave Doppler flow sensor. Receive alarm emails with images and time lapse video.

Monitor with Vision®



CSO Monitoring Kit

No Wireless:
(FLOPRO-CSO)

4G LTE Wireless:
(FLOPRO-4G-CSO)

Monitor multiple overflow pipes and measure dry and wet weather flow rates. Set multi-point logic alarms and mitigate any false alarms. Receive alarm images with email and text alerts.

Monitor with Vision®



CSO Monitoring Kit with Water Quality

No Wireless:
(FLOPRO-CSOWQ)

4G LTE Wireless:
(FLOPRO-4G-CSOWQ)

Receive real time overflow alarms, monitor flow and water quality. Set monitor to trigger external water sampler when overflow levels hit a critical point. Receive alarm images when using the vision sensor.

Monitor with Vision®



WATER QUALITY & SAMPLING KITS



Flow Proportional Sampler Controller Kit

No Wireless:
(FLOPRO-SAMP)

4G LTE Wireless:
(FLOPRO-4G-SAMP)

Complete sampler controller with dual trigger, one for flow proportional and the second for sensor alarm trigger. Supports all FLOWSiren sensors, including flow, water quality and vision. Use external camera to verify sampler bottles are full.

Monitor with Vision®



Water Quality Flow Kit

No Wireless:
(FLOPRO-WQ)

4G LTE Wireless:
(FLOPRO-4G-WQ)

Monitor single or multiple water quality parameters including pH, EC, ORP, Temperature, Dissolved Oxygen and more. Easily determine chemical loading when combining water quality with flow measurement. Optional Vision sensor can be submersed and used as underwater camera.

Monitor with Vision®



Water Sonde Flow Kit

No Wireless:
(ECO-WS)

4G LTE Wireless:
(ECO-4G-WS)

FLOWSiren monitors support a variety of different multi-parameter water quality Sondes. Combine Sondes with flow sensors and determine loading. Great for aquaculture and scientific studies.

Monitor with Vision®



Temperature String Kit

No Wireless:
(FLOPRO-AV-THERM50)

4G LTE Wireless:
(FLOPRO-4G-AV-THERM50)

Track and monitor over 200 different temperature points from 1ft to 3 ft (1m) in length. Install directly in sewer pipes and determine where inflow may be happening. Great for leak detection and inflow and infiltration studies.

Monitor with Vision®



SCADASiren®

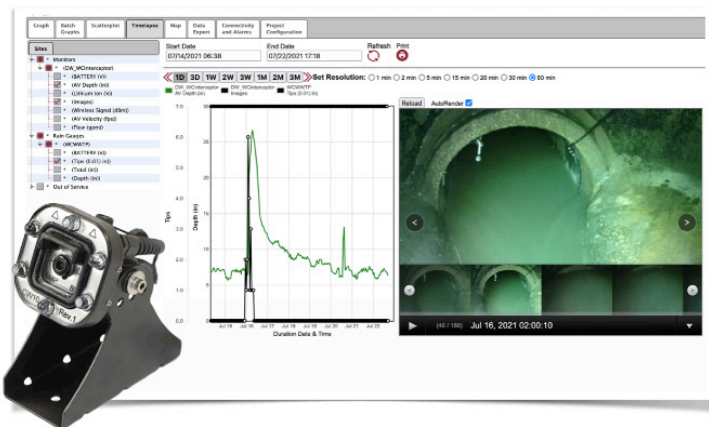


WIRELESS INDUSTRIAL MONITORING SYSTEM WITH VISION

The SCADASiren™ is a multi-sensor autonomous wireless monitoring platform designed for permanent industrial environmental monitoring, delivering data to your desk every time. The built-in multi-media platform allows direct connection of our optional vision camera taking simultaneous pictures that correlate directly with sensor readings.

Automatically receive alarm emails and text messages with images showing the alarm event details and severity. Designed with SCADA output options including analog and RS485 serial output allows the unit to be connected into other machines and devices

Instantaneously upload data for analysis to BlueLive® Cloud, DropBox®, Google Drive® or FTP location of your choice.



OPEN CHANNEL FLOW KITS



Single Flow AV Kit

No Wireless:
(SCADA-AV)

4G LTE Wireless:
(SCADA-4G-AV)

Open channel flow monitor, great for sanitary and storm sewer monitoring. Kit comes complete with Dual Wave Doppler AV Sensor.

Monitor with Vision®



Micro Flow AV Kit

No Wireless:
(SCADA-MICROQ)

4G LTE Wireless:
(SCADA-4G-MICROQ)

Low flow monitor, great for monitoring sewer level and velocity in pipes with depths less than one inch.

Monitor with Vision®



CSO Alarm and Flow Kit

No Wireless:
(SCADA-CSO)

4G LTE Wireless:
(SCADA-4G-CSO)

Complete Combined Sewer Overflow kit. Monitor both dry and wet weather pipes in the same overflow chamber, complete with flow, level and alarm switch sensors.

Monitor with Vision®



Non-Contact Flow Kit

No Wireless:
(SCADA-RV-RL)

4G LTE Wireless:
(SCADA-4G-RV-RL)

Non-Contact flow monitoring kit, including surface radar velocity and radar level sensors. Great for rivers and hard to monitor sewer locations.

Monitor with Vision®



DEPTH & LEVEL KITS



Pressure Depth Kit

No Wireless:
(SCADA-PD)

4G LTE Wireless:
(SCADA-4G-PD)

Monitor up to 30ft of pressure depth in flowing pipes and streams. Great solution for monitoring level in pipes and overflow locations that surcharge beyond their design capacity.

Monitor with Vision®



Radar Level Kit

No Wireless:
(SCADA-RL)

4G LTE Wireless:
(SCADA-4G-RL)

Accurately monitor from 0 to 8m (25ft) or 0 to 15m (50ft) using the Radar Level Kit. Easy to install and use makes this a great solution where continuous reliability and accuracy are required.

Monitor with Vision®



Ultrasonic Level Kit

No Wireless:
(SCADA-LRUL)

4G LTE Wireless:
(SCADA-4G-LRUL)

Long Range (20ft) Ultrasonic Level kit is a great economical solution when sensing water level from tops of manholes or bridges. Ideal non-contact overflow solution.

Monitor with Vision®



In-Pipe Level Kit

No Wireless:
(SCADA-SRUL)

4G LTE Wireless:
(SCADA-4G-SRUL)

Short Range, Dual Wave, Ultrasonic Level Kit is great for accurately measuring level in tight spaces. Excellent solution for measuring depth in weirs, flumes and smaller sewer pipes.

Monitor with Vision®



WATER QUALITY KITS



Water Quality Kit

No Wireless:
(SCADA-WQ)

4G LTE Wireless:
(SCADA-4G-WQ)

Monitor pH, EC, ORP, Temperature, Dissolve Oxygen and more. Optional vision sensor can be submersed and used as underwater water quality camera.

Monitor with Vision®



Water Quality Flow Kit

No Wireless:
(SCADA-AV-WQ)

4G LTE Wireless:
(SCADA-4G-AV-WQ)

Monitor single or multiple water quality parameters including pH, EC, ORP, Temperature, Dissolve Oxygen and more. Easily determine chemical loading when combining water quality with flow measurement. Optional vision sensor can be submersed and used as underwater water quality camera.

Monitor with Vision®



Flow Proportional Sampler Controller Kit

No Wireless:
(SCADA-FLOSAMP)

4G LTE Wireless:
(SCADA-4G-FLOSAMP)

Complete sampler controller with dual trigger, one for flow proportional and the second for sensor alarm trigger. Supports all SCADASiren™ sensors, including flow, water quality and vision. Use external camera to verify sampler bottles are full.

Monitor with Vision®



Flow Proportional Sampler Controller and Water Quality Sensor

No Wireless:
(SCADA-AV-WQ-SAMP)

4G LTE Wireless:
(SCADA-4G-AV-WQ-SAMP)

Complete sampler controller with dual trigger, one for flow proportional and the second for sensor alarm trigger. Supports all SCADASiren™ sensors, including flow, water quality and vision. Use external camera to verify sampler bottles are full.

Monitor with Vision®



CLOSED PIPE FLOW & WEATHER MONITORING KITS



Closed Pipe Flow Kit

No Wireless:
(SCADA-FULLQ)

4G LTE Wireless:
(SCADA-4G-FULLQ)

Monitor 1/2 inch to 6 inch water mains and force mains using the ultrasonic Doppler non intrusive flow monitor. Determine line blockage and hot water consumption. Great for commercial water monitoring and studies.

Monitor with Vision®



Pump Station Monitor Kit

No Wireless:
(SCADA-PUMPQ)

4G LTE Wireless:
(SCADA-4G-PUMPQ)

Accurately monitor your pump station performance by measuring pump energy and discharge. Easily build and verify design curves against actual performance and gain pump station efficiency.

Monitor with Vision®



Portable Weather Station Kit

No Wireless:
(SCADA-PWS)

4G LTE Wireless:
(SCADA-4G-PWS)

Complete portable weather station allows you to monitor critical weather parameters using scientific grade sensors. Monitor rainfall, wind direction and speed, humidity, barometric pressure, UV index and more.

Monitor with Vision®



Rainfall Monitor Kit

No Wireless:
(SCADA-RG)

4G LTE Wireless:
(SCADA-4G-RG)

Portable rainfall monitor, simply find a clear area set up your rain gauge and walk away. Data will be automatically delivered to your desk. Economical or lab grade tipping bucket rain gauges to choose from, or connect your won with our universal RG-Cable.

Monitor with Vision®



SOLOSiren®



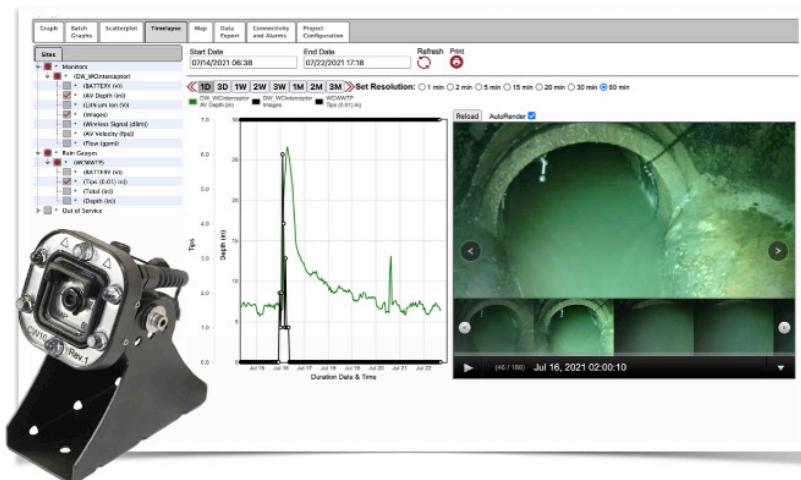
Single Sensor Wireless Monitor

The SOLOSiren® will provide you with data and insight into your environmental data collection program without breaking the budget. Designed by field technicians with over 20 years experience, it's rugged, tough, and user-friendly.

With sensor options to meet the demand of today's environmental monitoring challenges, the SOLOSiren® is the go-to device for short term, fast turn-around data acquisition.

With the combination of an ultra-low power microprocessor and a user replaceable power pack, the SOLOSiren® will provide up to six months of data acquisition on a single charge.

With simplified user definable sampling, alarm, and data transmission rates, know the condition of your site in near real-time.



FLOW & LEVEL KITS



Water Depth Kit

No Wireless:
(SOLO-PD)

4G LTE Wireless:
(SOLO-4G-PD)

Monitor up to 30ft of pressure depth in flowing pipes and streams. Great solution for monitoring level in pipes and overflow locations that surcharge beyond their design capacity.



Radar Level Kit

No Wireless:
(SOLO-RL)

4G LTE Wireless:
(SOLO-4G-RL)

Accurately monitor from 0 to 8m (25ft) or 0 to 15m (50ft) using the Radar Level Kit. Easy to install and use makes this a great solution where continuous reliability and accuracy are required.



Short Range Level Kit

No Wireless:
(SOLO-SRUL)

4G LTE Wireless:
(SOLO-4G-SRUL)

Short Range, Dual Wave, Ultrasonic Level Kit is great for accurately measuring level in tight spaces. Excellent solution for measuring depth in weirs, flumes and smaller sewer pipes.



Long Range Level Kit

No Wireless:
(SOLO-LRUL)

4G LTE Wireless:
(SOLO-4G-LRUL)

Long Range (20ft) Ultrasonic Level kit is a great economical solution when sensing water level from tops of manholes or bridges. Ideal non-Contact overflow solution.

FLOW & LEVEL KITS



Overflow Alarm Kit

No Wireless:
(SOLO-FLT)

4G LTE Wireless:
(SOLO-4G-FLT)

Easily Monitor when a sewer is overflowing using single or multiple critical alarm switches. Simply install the switch at the overflow level and wait for the alarms. Receive pictures and time-lapse video of the event in real time.



Water Pressure Kit

No Wireless:
(SOLO-WP)

4G LTE Wireless:
(SOLO-4G-WP)

Monitor water line pressure up to 20bar or 300psi. Easily alarm when line pressure drops or water hammers occur. Data is automatically uploaded to the Cloud for your review and analysis.



Pump Current Monitor Kit

No Wireless:
(SOLO-CE)

4G LTE Wireless:
(SOLO-4G-CE)

Accurately monitor your pump station performance by measuring pump energy. Easily build and verify design curves against actual performance and gain pump station efficiency.



Water Meter Monitor Kit

No Wireless:
(SOLO-WM)

4G LTE Wireless:
(SOLO-4G-WM)

Monitor conventional and commercial water meters, simply attach the sensor and start recording water meter readings.

WATER QUALITY KITS



ORP Monitor Kit

No Wireless:
(SOLO-ORP)

4G LTE Wireless:
(SOLO-4G-ORP)

Monitor and collect ORP or Oxidation Reduction Potential data. Great for portable applications without power.



EC Monitor Kit

No Wireless:
(SOLO-EC)

4G LTE Wireless:
(SOLO-4G-EC)

Monitor and collect EC or Electrical Conductivity data. Great for portable applications without power.



Dissolved Oxygen Kit

No Wireless:
(SOLO-DO)

4G LTE Wireless:
(SOLO-4G-DO)

Monitor and collect DO or Dissolved Oxygen data. Great for portable applications without power.



pH Kit

No Wireless:
(SOLO-PH)

4G LTE Wireless:
(SOLO-4G-PH)

Monitor and collect pH data. Great for portable applications without power.

WEATHER & RAIN



Humidity Monitor Kit

No Wireless:
(SOLO-HUM)

4G LTE Wireless:
(SOLO-4G-HUM)

Monitor and collect atmospheric or industrial humidity. Great for portable applications without power.



Rain Monitor Kit

No Wireless:
(SOLO-RG)

4G LTE Wireless:
(SOLO-4G-RG)

Portable rainfall monitor, simply find a clear area set up your rain gauge and walk away. Data will be automatically delivered to your desk. Economical or lab grade tipping bucket rain gauges to choose from.



Temperature Kit

No Wireless:
(SOLO-TEMP)

4G LTE Wireless:
(SOLO-4G-TEMP)

Monitor and collect atmospheric or industrial temperature data. Great for portable applications without power.



Wind Monitor Kit

No Wireless:
(SOLO-WIND)

4G LTE Wireless:
(SOLO-4G-WIND)

Monitor and collect wind speed and wind direction data. Great for portable applications without power.

SENSORS



Sensor Technology

Blue Siren manufactures and offers a wide range of environmental sensor technologies, providing you with accurate insight into your environmental data collection program. Designed or selected by field experienced technicians and engineers, our sensors are rugged, tough, and integrated into most Blue Siren wireless logger technologies. Great for both lab and field use, and interchangeable between monitoring platforms. If you do not see the sensor you are looking for give us a call, as it is very likely we have already manufactured or integrated an off the self solution.

DEPTH & LEVEL

Water Pressure Depth

(PD-SENS)

Monitor up to 30ft of pressure depth in flowing pipes and streams. Great solution for monitoring level in pipes and overflow locations that surcharge beyond their design capacity.



Radar Level

(RL-SENS)

Accurately monitor from 0 to 8m (25ft) or 0 to 15m (50ft) using the Radar Level Kit. Easy to install and use makes this a great solution where continuous reliability and accuracy are required.



In-Pipe Level

(SRUL-SENS)

Short Range, Dual Wave, Ultrasonic Level Kit is great for accurately measuring level in tight spaces. Excellent solution for measuring depth in weirs, flumes and smaller sewer pipes.



Long Range Level

(LRUL-SENS)

Long Range (20ft) Ultrasonic Level kit is a great economical solution when sensing water level from tops of manholes or bridges. Ideal non-contact overflow solution.



FLOW & VELOCITY



Area Velocity (AV)

(AV-SENS)

Area Velocity Sensor using Dual Wave AV Technology. Available in multiple configurations, UART, RS485 and pulse output.



Micro Velocity

(MV-SENS)

Single Wave Ultrasonic Doppler Velocity Sensor Technology using micro crystals to lower the profile and allow a broader range of velocity measurement.



Non-Contact Radar Velocity

(RV-SENS)

Non-Contact Surface Radar Velocity Sensor. Great for large pipe installations, rivers and stream monitoring. Fully encapsulated and protected against harsh environments.



Closed Pipe Velocity

(CPV-SENS)

Mid range clamp-on flow sensor used to measure flows in pipes up to 8 inches in diameter.

VISION & TEMPERATURE



Vision Camera

(CAM-SENS)

5MP Vision Sensor, great for monitoring sewers and underground spaces. Internal compression allows easy to upload wireless images when connected to any of the Blue Siren monitors. Automated alarm and image capture when using Blue Siren controllers and storage devices. Can be used as a complete standalone cellular wireless security monitor.

Temperature

(TEMP-SENS)

Single-Ended, highly accurate temperature sensor.



Thermistor String

(THERM-SENS)

Measure over 200 different temperature points at varying lengths and track thermocline profiles in rivers, lakes and oceans. Detect pipe leaks and rainwater infiltration in sewers



WATER QUALITY



Oxidation Reduction Potential (ORP)

(ORP-SENS)

Monitor and collect ORP or Oxidation Reduction Potential data. Great for portable applications without power.



Electrical Conductivity (EC)

(EC-SENS)

Monitor and collect EC or Electrical Conductivity data. Great for portable applications without power.



Dissolved Oxygen (DO)

(DO-SENS)

Monitor and collect DO or Dissolved Oxygen data. Great for portable applications without power.



pH

(PH-SENS)

Monitor and collect pH data. Great for portable applications without power.

WEATHER & RAIN

Humidity

(HUM-SENS)



Monitor and collect atmospheric or industrial humidity. Great for portable applications without power.

Rain Gauge

(RG-SENS)



Portable rainfall monitor, simply find a clear area set up your rain gauge and walk away. Data will be automatically delivered to your desk. Economical or lab grade tipping bucket rain gauges to choose from.

Wind

(WIND-SENS)



Monitor and collect wind speed and wind direction data. Great for portable applications without power.

Float

(FLT-SENS)



Easily monitor when a sewer is overflowing using single or multiple critical alarm switches. Simply install the switch at the overflow level and wait for the alarms. Receive pictures and time-lapse video of the event in real time.

RV. Apr 4, 2022