

# Remote Monitoring Technology

For Water Treatment Equipment





## **Remote Monitoring**

Enables users to oversee water quality and usage from anywhere, ensuring peace of mind even when they're away. Total Connect also boasts the capability of connecting with multiple monitoring devices for expanded coverage and enhanced functionality.



## **Leak Detection**

Identifies leaks and irregular water usage in real-time, preventing costly water damage.



## **Cost Savings**

Prompts swift action on leaks, minimizing water waste and repair costs.



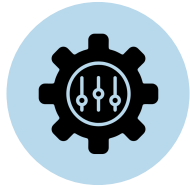
## **Property Protection**

Guards against water-related risks, extending the lifespan of plumbing systems



## **Convenience**

Facilitates easy management of water systems through a mobile app or web portal.



## **Customization**

Tailors alerts to user preferences, keeping them informed about their water system's status.



## **Peace of Mind**

Total Connect offers comprehensive water monitoring and protection, with alerts for unusual water usage and access to historical data. Users with multiple properties can access all data in one account, and real-time alerts enable prompt action to prevent costly issues. and averting structural damage.



# OUR DEVICES

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# Hayabusa Standard & PRO Models

Introducing our cutting-edge device designed to seamlessly connect Clack WS1 WiFi-enabled boards to the internet, revolutionizing the way you monitor and control your water treatment system. Our device offers two versatile connectivity options, allowing you to choose the one that best suits your needs.



## Brine Tank Salt Sensor

The Peregrine brine tank salt sensor uses real-time technology to determine salt levels. The brine tank salt sensor features a rugged design that can withstand harsh environments and operate continuously using either an 18650 Lithium Ion battery or a water resistant USB C power supply.

## Atmospheric Tank Sensor

This advanced design is equipped with a narrow field of view sensor and zone management technology enabling water professionals to measure volume inside atmospheric tanks regardless of fluid type. Our design is CANBUS and LoRa ready for future expansions.



# Pressure Sensor

Introducing our 1/4" NPT Male Pressure Sensor, the perfect solution for measuring pressure differential across nested Clack valves. This pressure sensor provides accurate and reliable measurements, making it an essential component in any water treatment system.

With its high sensitivity and accuracy, this pressure sensor is perfect for real-time pressure readings, allowing you to detect any changes in pressure that could impact your water treatment system.



# TDS Detection with 1/4" NPT Male Slip

The Peregrine TDS sensor with a 1/4" slip fitting is a high-precision device that measures the total dissolved solids (TDS) in water with exceptional accuracy and reliability. It is designed for use in a wide range of applications, including water treatment, aquariums, and hydroponics.

You can easily monitor the output of RO TDS levels, ensuring optimal water quality and reducing the risk of equipment damage. It is an essential tool for deployed residential and business applications for individuals who rely on accurate and reliable TDS measurement in their water systems.





# Leak Detector

The rugged Peregrine Leak Detect Puck is designed to identify and alert users to potential leaks or spills throughout the home and workplace.

Our device leverages a low energy consuming technology that awakes when liquids are detected alerting the user of potential damage. Our 18650 powered device intelligently wakes throughout the day to transmit device and battery health to ensure you're aware of any changes.



# Luminor

Peregrine is proud to partner with LUMINOR to present a comprehensive whole-home water UV treatment solution. This device incorporates a genuine 254nm discrete UV monitor that enables continuous remote monitoring.

Utilizing Teflon technology to minimize fouling, these sensors facilitate the addition of a solenoid shut-off valve and a 4-20mA output, allowing remote monitoring and data logging perfect for your application.



## Cradlepoint S700

The Cradlepoint S700 Series is a versatile endpoint solution designed to deliver secure and reliable connectivity for the commercial water professional.

With its robust features and advanced capabilities, the S700 Series ensures seamless network access even in challenging environments. Engineered for high-performance, scalability, and ease of deployment, this series empowers organizations to stay connected and productive in today's dynamic business landscape.





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