



**M&H VALVE COMPANY** 

### **iHydrant**™ Remote pressure and temperature monitoring for 129 dry barrel hydrants.

iHydrant.com



# **iHYDRANT**<sup>™</sup> **REMOTE SENSORS** FOR M&H 129 HYDRANTS

Track pressure and temperature changes and get alerts at a moment's notice via smart hydrant sensors deployed across your water system.

Knowing the exact moment your water grid experiences a hydraulic event or is threatened by rapid pressure or temperature fluctuations is now possible via iHydrant<sup>™</sup> remote sensors for M&H hydrants. iHydrant<sup>™</sup> operates on a secure IoT network to transmit data to the cloud, which is

then accessible on your utility's hosted dashboard. iHydrant™ allows you to monitor precise fluctuations in your water system in real time that reveal money-saving data and help you recapture non-revenue water.

## **Device Features**

The iHydrant<sup>™</sup> unit is designed for easy installation, low maintenance and years of reliability.

Operates on Verizon<sup>®</sup> IoT cellular network for instantaneous, longdistance data transmission.

> Long-life battery holds charge for up to five years before replacement.

Full-Time Pressure/Temperature monitoring in the lower valve of your dry barrel hydrant.

as 50x per second.

Capture data as often

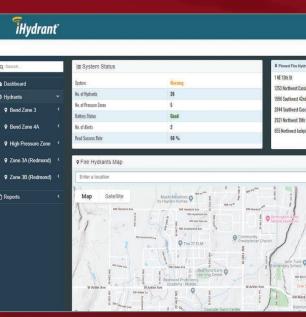
Available as a complete unit or retrofit for M&H 129 hydrants.

> Easily install the M&H 129 iHydrant<sup>™</sup> in the field.

Sensor picks up micro

fluctuations in pressure and temp.

Your iHydrant<sup>™</sup> Dashboard



#### iHydrant<sup>™</sup> Dashboard Features:

- Hosted remotely for anytime access with no downtime ris
- Accessible anywhere via desktop or mobile browser.
- Create custom logins for multiple users.
- Visual data collection for pressure and temperature, scala
- Export your data for additional manipulation or on-site sto
- Set alerts for pre-defined events or to your own custom p
- Battery life and reception monitoring and reporting let you when to check a unit or replace a battery.

"iHydrant<sup>™</sup> has been beneficial to the utility by identifying different hydraulic events that impact normal daily operations. This has resulted in lower response times for repairs and a reduction in lost revenue due to water losses. iHydrant<sup>™</sup> has also helped us to identify hydraulic conditions that are occurring in the distribution system that we were previously unaware of."

Bringing your hydrants online with iHydrant<sup>™</sup> means you get the ease and convenience of modern datacollection technology plus compatibility with the M&H 129 hydrant in your arsenal. Suitable for mounting on top of any M&H 129 dry barrel hydrant, iHydrant<sup>™</sup> does not interfere with normal operation, allowing you to collect data without taking the hydrant out of operation, even in freezing conditions.

#### Your dashboard is the portal to your entire iHydrant<sup>™</sup> network. From here, you can see your data in real time for all devices, specific hydrant zones or one hydrant at a time.

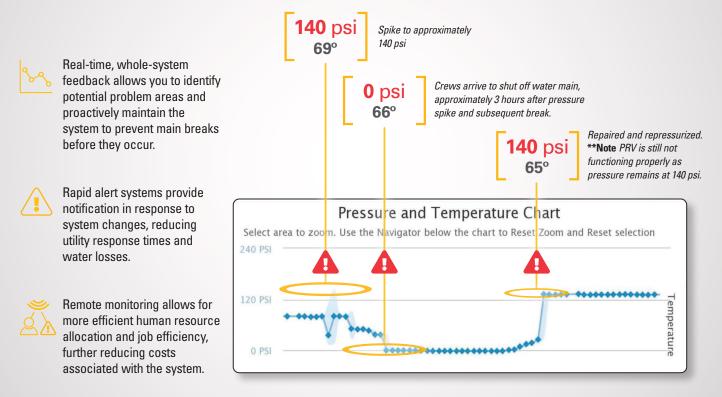
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Josh Wedding, City of Redmond Water Utilities Manager



# Reduce non-revenue water with up-to-the-second data from your hydrant.

iHydrant<sup>™</sup> is a feature-rich monitoring tool designed to save money through grid analysis, problem prevention and rapid-response mitigation.



With affordable one-time installation costs and low annual maintenance and support fees., iHydrant<sup>™</sup> can pay for itself by preventing or alerting you in real time of water loss events. Over time, iHydrant<sup>™</sup> will help reduce costs associated with water loss, becoming an integral part of your system. Contact your M&H sales representative for more information or to schedule a product demo.

#### **COMMITTED TO ENVIRONMENTAL RESPONSIBILITY**

M&H Valve Company is committed to protecting our natural resources through environmentally responsible manufacturing practices, including the use of 80+% recycled content in our hydrants and valves.











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