

October 27, 2017
Aplix Corporation
(Code: 3727 TSE Mothers)

Development of IoT-capable All-In-One Package “HARPS Aqua,” Just by Connecting to a Water Purifier

Complimentary monitor version to be distributed at “Aquatech Amsterdam 2017”

Aplix Corporation (headquartered in Shinjuku-ku, Tokyo, Representative Director Kengo Nagahashi, hereinafter “Aplix”), engaging in development of solutions for IoT (Internet of Things) products, announces development of “HARPS Aqua,” a packaged product to connect existing water purifiers to the Internet and manage them in the cloud. It also announces the introduction of “HARPS Aqua” at “Aquatech Amsterdam 2017,” the world’s leading water exhibition to be held from October 31 in the Netherlands where a complimentary monitor version will be distributed to corporations, etc. that are considering water purifier management by using IoT.

There are two major characteristics with “HARPS Aqua” as follows.

① **All-in-one package specializing in water purifier management**

It contains a device to send information on a water purifier, smartphone app, security measure, and dedicated cloud service.

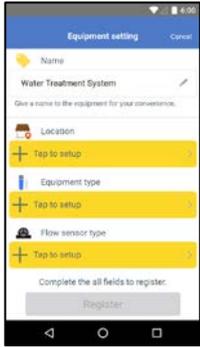
② **No need to develop smartphone app or cloud system**

Non-IoT professionals can install the device contained in the package onto the water flow sensor and start using the cloud service dedicated to the water purifier immediately upon installation. The cloud service provides information such as the usage or the proper replacement timing of the filters installed in the water purifier.

With the high demand of IoT capability of water purifiers, Aplix previously developed “[Beacon-Embedded Water Flow Sensor with Quick Connect Fittings](#),” an IoT device to be attached to a water tube of water purifier, and provided an IoT module to be embedded in the water purifier itself. Based on these experiences as well as on customer feedback, we pursued flexibility to accommodate various water purifies and installation environments to be able to quickly begin usage, leading to the birth of the packaged product “HARPS Aqua.”

By showing at “Aquatech Amsterdam 2017” and recruiting monitors, customers will have the opportunity to actually use “HARPS Aqua.” We plan to reflect their voices in the “HARPS Aqua” to realize sales of the product versions for the U.S., Europe, and Japan that is scheduled in 2018.

Content of “HARPS Aqua” package

<p>IoTIZR™</p>	<p>This small device sends information on a water purifier to Aplix’s cloud service through a wireless LAN, to be attached to a water flow sensor that uses a method to generate pulses when water flows. Communication between “IoTIZR” and the cloud/smartphones is encrypted. In addition, anti-spoofing measures are put in place to prevent unauthorized users from tampering with the communication content on the route of communication. I/F: Port to connect to a water flow sensor Power source: Feeding with a micro USB cable Size: Approximately 85mm × 50mm × 15mm Weight: Approximately 45g</p>	
<p>App for iOS/Android “HARPS Toolkit”</p>	<p>Smartphone app to connect to “IoTIZR” and set up a wireless LAN and a water purifier The monitor version is available in English only. Please see the following web pages for behavioral specifications, etc. [iOS] https://itunes.apple.com/app/harps-toolkit/id1272009387?mt=8 [Android] https://play.google.com/store/apps/details?id=jp.co.aplix.mybeaconlauncher.harpsAqua.std.admin</p>	
<p>Cloud service “HARPS Dashboard”</p>	<p>Cloud service to manage the usage status, etc. of a water purifier. The monitor version is available in English only.</p>	
<p>Instruction manual</p>	<p>The method to install “IoTIZR,” how to use the smartphone app and cloud service, etc. are explained online. The monitor version is available in English only.</p>	

How to apply for a monitor version and eligibility

Please come to Aplix Corporation of America’s stand at the “Aquatech Amsterdam 2017” (stand number 05.334) and mention to the staff at the stand that you would like to apply for a monitor. You will receive the following set at no charge.

- **IoTIZR: 1**
A micro USB cable and AC adaptor with 500mA or more power feeding capacity are required separately.
- **Water flow sensor: 1**
Connection: 3/8” BSP male; Flow rate: 0.8-1.5 liter/min; Temperature: 0 to 80°C; Working pressure: 8.0 bar (112 psi) max; Burst pressure: 29 bar (400 psi).
Water flow sensors other than this set may be used if they use a method to generate pulses when water flows. Aplix may also be able to refer water flow sensors with various specifications other than this product.
- **Brief explanation on the setup method (in English): 1**

Eligible applicants are limited to corporations, etc. that are considering comprehensive management of water purifiers at multiple bases including water purifier manufacturers, water filter manufacturers, restaurant business, etc. Please ask the staff at Aplix’s stand for details. Please understand that users of the monitor version may be asked about their experiences and opinions after using “HARPS Aqua.”

About the details of HARPS Aqua

Please see <https://www.harps4.com/>.

About the Aquatech Amsterdam 2017

Please see <http://www.aplix.co.jp/?p=10228>.

■ About Aplix Corporation

The mission of Aplix Corporation is to use the power of software to bring happiness to everyone in the world. Following the success of JBlend, which opened a new frontier for Java on mobile phones, we are currently developing the field of IoT. By supplying IoT solutions from IoT modules (beacons), smartphone apps to cloud services, we aim to advance the transition of household appliances and other products to being IoT-ized devices and in doing so, realize our concept of “enriching people’s lives with notifications from things.”

Investor Relations Information: <http://www.aplix.co.jp/en/>

Technology Business Information: <http://www.aplix.co.jp/en/business/>

■ Inquiries:

Aplix Public Relations: http://www.aplix.co.jp/en/inquiry_en/

* The names of companies and products included in this press release are trademarks or registered trademarks of their respective companies.