

## **Launch of IoT-compatible Alarm Device “Sumapiko” and Cooperation with the Osaka City Government and the Osaka Prefectural Police Regarding Provision of Disaster and Crime Prevention Information**

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Osaka Gas Co., Ltd.

Osaka Gas Marketing Co., Ltd.

On August 19, 2020, Osaka Gas Co., Ltd. (President: Takehiro Honjo, hereinafter “Osaka Gas”) and its wholly owned subsidiary Osaka Gas Marketing Co., Ltd. (President: Tsuyoshi Nakamura, hereinafter “OGM”) will launch the internet-connectable alarm device “Sumapiko,” which has been developed by providing an internet connection function to their conventional household gas alarm device “Pikopiko.” This product will be Japan's first internet-connectable household city gas alarm device.

In addition, the companies today signed the “Agreement on Provision of Disaster Information” with the Osaka City Government (Mayor: Ichiro Matsui) and “Agreement on Provision of Crime Prevention Information” with the Osaka Prefectural Police (Life Safety Department Manager: Hisashi Takagi) (hereinafter “the Agreements”). Based on the Agreements, the companies will provide disaster and crime prevention information in voice form from alarm devices for the first time in Japan and thereby contribute to improving the safety and security of their customers’ homes.

Household gas alarm devices are products to detect gas leaks and the generation of carbon monoxide (CO) due to incomplete combustion and immediately sound an alarm. The addition of an internet connection function has made it possible to provide various kinds of information by voice or e-mail.

For example, with increasing need for disaster prevention these days, Sumapiko can provide disaster information and weather warnings issued to users’ residential area as a voice alert, thereby contributing to keeping their lives safe and secure. In addition, Sumapiko can notify users of weather forecasts at preset times, such as a certain time and day of the week, as well as automatically send e-mails to users when their family members come home by sensing that with a human detection sensor. These services are optionally available to users.










Based on the Agreements with the Osaka City Government and the Osaka Prefectural Police, disaster information issued by the Osaka City Government is provided to users living in Osaka City,\* and crime prevention information “Anmachi Mail” issued by the Osaka Prefectural Police is also communicated as voice messages from Sumapiko.

The Daigas Group aims to improve the safety and security of customers' homes through collaboration with the Osaka City Government and the Osaka Prefecture Police to disseminate information on disaster and crime prevention. With the goal of becoming a corporate group that can contribute to the “further evolution” of lives and businesses, the Daigas Group will continue to develop products and services.

\* To users who live outside Osaka City, disaster information provided by a private company will be distributed.

■ Product features and available services

In addition to the conventional gas leak and CO detection functions, Sumapiko can provide information useful for daily lives and disaster/crime prevention by voice or e-mail. The following 10 kinds of information are provided, and users can preset menu items on their smartphones, such as contents and the time and day of the week when they need information.

Available services		Contents
Weather warning		When disaster information or weather warnings are issued, they are announced as voice messages. * Source of disaster information Users who live in Osaka City: The Osaka City Government Users who live outside Osaka City: A private company that provides information * Emergency information, such as evacuation instructions, is provided by voice regardless of presetting.
Crime prevention information		At preset times or when the human detection sensor is activated, crime prevention information is provided by voice. * Anmachi Mails issued by the Osaka Prefectural Police are provided.
Rain cloud information		The approach of a rain cloud is informed by voice.
Family tracking		When users' family members come home, that is detected by the human detection sensor and informed by sending e-mails to registered addresses.
Weather forecast		At preset times or when the human detection sensor is activated, the weather forecast for the day or the next day is provided by voice.
Heat stroke alert		Based on heat stroke indexes measured with Sumapiko, voice alerts are provided when the risk of heatstroke increases.
Dry air alert		Based on dryness indexes measured with Sumapiko, voice alerts are provided.
Fixed-phrase reminder message		At preset times or when the human detection sensor is activated, fixed-phrase messages are spoken. Example: Today is a garbage day. Gather garbage.
Gas leak/CO alarm		In the event of a gas leak or CO generation, in addition to the activation of the conventional alarm function, it is notified to registered e-mail addresses.

Information from Osaka  
Gas




Information from Osaka Gas, such as event  
information, is provided.

\* My Osaka Gas ID and password are required to make settings. Users are required to complete registration in advance.

\* Customers who do not have a smartphone can use the services by filling out the required form and sending it to the administrative office.

\* To use the above services, a designated communication environment (always-on Internet environment, wireless LAN router) is required at users' homes.

■ Specifications

Model	101-1001	
Appearance		
City gas/CO alarm function	Detectable gases	City gas, CO gas
	Alarm volume	70 dB(A)/m or more
	City gas sensor	Semiconductor type
	CO gas sensor	Electrochemical type
General specifications	Power supply	AC100 V ± 10 V 50/60Hz
	Power consumption	Approx. 0.7 W during monitoring, Approx. 0.9 W during alarm
	Wireless LAN compatible standard	IEEE 802.11 b/g/n
	Sensors	Temperature sensor, humidity sensor, human detection sensor
	Dimensions/weight	Width 98 x Height 98 x Depth 30.5 mm Approx. 240 g

■ Price

Lease fee	547 yen/month (tax inclusive)
Suggested retail price	24,200 yen (tax inclusive)

■(Reference) Household gas alarm device “Pikopiko”

Household gas alarm device “Pikopiko” is a product to detect gas leaks and CO gas generation due to incomplete combustion and sound an alarm. The initial model launched in 1980 had only a gas detection function, but later, the product was provided with additional safety alarm functions, such as CO detection and fire detection. There are two installation types: a ceiling installation type and a wall hanging type. A battery-operated type was released in 2015.