

September 1, 2021
AEON RYUKYU CO., LTD.
AEON DELIGHT CO., LTD.

Providing Visualized Information on “Safety and Security”
Installation of CO₂ Concentration Monitors for Customers at Aeon Stores

AEON RYUKYU CO. LTD. (Headquarters: Haeburu Town, Okinawa; Keiji Ono, President; hereinafter “Aeon Ryukyu”), in order to offer a shopping environment with enhanced “safety and security” during the COVID-19 pandemic, has installed CO₂ concentration monitors (hereinafter “the Monitors”) at six Aeon stores and at Aeon Town Toyomi Shopping Center in Okinawa Prefecture to allow customers to confirm for themselves the ventilation conditions.

The state of emergency declared due to the spread of COVID-19 has been extended in Okinawa Prefecture until September 12, and the prefecture has outlined policies to reinforce measures during the state of emergency to prevent the further spread of COVID-19.

Under such circumstances, the installation of the Monitors at large-scale commercial facilities will allow customers to confirm safety and visualize information to help reduce congestion, leading to providing a safer and more secure environment.

The Monitors, jointly developed by AEON DELIGHT CO., LTD. (Headquarters: Chiyoda Ward, Tokyo; Kazumasa Hamada, President & CEO and Group CEO; hereinafter “Aeon Delight”) and a manufacturer, are a part of the “Network-type CO₂ Concentration Monitoring System” (hereinafter, “the Monitoring System”) introduced in early April, which can remotely check the CO₂ concentration measurement results as needed.



CO₂ concentration measurement results are updated every minute



Monitor installed near the entrance, next to the grocery section

The Monitoring System introduced this time takes the CO₂ concentration data measured with the CO₂ sensors and through communication with a cloud server displays the results on a large monitor in a remote location.

The Law for Maintenance of Sanitation in Buildings (Building Maintenance Law) stipulates that CO₂ concentration in large-scale commercial facilities with total floor space exceeding 3,000 sqm must be

maintained at a level 1,000 ppm or lower.

The Monitoring System measures CO₂ concentration in real-time, and the average level for the past 30 minutes is updated every minute on the monitor. This allows store customers to visually confirm the CO₂ concentration and instantly check that proper ventilation is being carried out. In case the CO₂ concentration exceeds 1,000 ppm, the system sounds an alarm at the store office or disaster prevention center, which results in reinforcing employees to ventilate as necessary.

The Monitors were originally designed mainly for installation at locations such as store offices or disaster prevention centers where employees can see them. However, considering the recent trend due to the COVID-19 pandemic that calls for the provision of objective information, they were installed near the entrance of six large-scale Aeon stores and at the food court of Aeon Town Toyomi Shopping Center, which aims to provide information on safety that customers themselves can confirm and help reduce congestion.

1. Stores with monitor installation *As of Sept. 1, 2020

Aeon Naha Store, Aeon Haeburu Store, Aeon Chatan Store, Aeon Style Rycom,
Aeon Gushikawa Store, Aeon Nago Store, Aeon Town Toyomi Shopping Center: Total 7 stores

2. Installed equipment

CO₂ concentration monitors

- 40-inch monitors are installed near the entrance (6 Aeon stores), and at the food court entrance (Aeon Town Toyomi)
- The average CO₂ concentration for the past 30 minutes is updated every minute and displayed on the monitor
- The CO₂ concentration (ppm) level and a “good” mark when the level is 1,000 ppm or lower are displayed

3. System overview

Network-type CO₂ concentration monitoring system

- CO₂ concentration levels measured with CO₂ sensors are connected to the cloud server, together with temperature and humidity measurements
- The system obtains data remotely and sounds an alarm when CO₂ concentration exceeds the prescribed level
- Ventilation is reinforced based on data, and data accumulation and analysis are also possible

Aeon Ryukyu and Aeon Delight, as Aeon Group companies, are both implementing infection control measures in stores based on scientific evidence in line with the “AEON COVID-19 Protocol for Infectious Disease Control” formulated by Aeon Co., Ltd. (Issued in June 2020; Revised in November 2020 and April 2021).

In light of the spread of COVID-19, Aeon Ryukyu together with all of its employees will implement infection control measures according to Aeon’s protocol for infectious disease control, and as the lifeline in the community protect the health and lifestyles of its customers and employees and work toward providing a “safe and secure” shopping environment to customers in the community.

Aeon Delight is a facility management company expanding business in Japan, China, and ASEAN countries based on the management principle, “We pursue the creation of ‘environmental value’ for our customers and for the local communities.”

The standards of “safety and security” sought by the general public is changing due to the spread of COVID-19, and in order to provide services that exceed such standards, Aeon Delight has worked to formulate the New Standards in Facility Management and implemented various infection control measures to prevent infection through contact and from droplets in the air. Aeon Delight will work to realize a society where infection control is a part of life by implementing not provisional but continuous infection control measures, protect the health and lives of customers and employees, and provide a “safe and secure” facility environment to the local communities.

COVID-19 measures taken by Aeon Ryukyu (Japanese)

https://www.aeon-ryukyu.jp/corona_info/

COVID-19 measures taken by Aeon Delight (English)

<https://www.aeondelight.co.jp/english/covid19/>

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