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## Sakura Tech Corporation will introduce new contactless Vital Sign radar sensor “miRadar®8 <Handy>” at CES2021

Tokyo, Japan – Jan. 7<sup>th</sup>, 2021 – Sakura Tech Corp. today announced that the company will introduce a new Vital Sign radar sensor named “[miRadar®8 <Handy>](#)” that is small handy size and has an onboard display to indicate the measurement result at [CES2021](#). The device can measure Heart and Respiration rates with a range of 10 meters, +/- 40 degree of horizontal, and +/- 8 degree of vertical, and can measure the vital data even when blankets and clothing exist. The major applications are vital monitoring at Care-house, people detection in prohibited areas such as construction area and mechanical multistory car parking, and office entrance for security purpose. The respiration monitoring for COVID-19 would be suitable application due to contactless monitoring.

[Sakura Tech Corp.](#) exhibits the products in a [J-Startup Pavilion of JETRO](#), Japan External Trade Organization, also introduces the [miRadar®8 <IoT>](#) which was released in June 2020.

### About JETRO



The Japan External Trade Organization (JETRO) is a Japanese government-related organization that assists innovative startups in expanding their businesses into the global market. The organization provides extensive support for business development, including consultation on go-to-market strategies, in order to help small businesses grow and to foster their relationships with their global counterparts. JETRO has organized the CES J-Startup Pavilion (Japan Pavilion) since 2019.



Sakura Tech Corporation  
4F-B VORT Shin-Yokohama, 3-2-6 Shin-Yokohama, Kohoku-ku, Yokohama, Kanagawa, 222-0033, Japan. TEL: +81-45-548-9611 Email: [info@sakuratech.jp](mailto:info@sakuratech.jp)

## About CES



CES is the world's largest technology trade show that takes place annually in Las Vegas. In 2021, it will be held digitally.

## About Sakura Tech Corp.



Since its founding in October 2008, Sakura Tech has been developing imaging sensors and high-performance microwave / millimeter wave components using ultra-wideband technology, and have developed a compact, high-performance radar platform (miRadar®8) that uses Multiple-Input Multiple-Output (MIMO) technology and commercialized it as an obstacle monitoring radar. Using the same radar platform, Sakura Tech has developed an algorithm that can measure the vital signs (heartbeat, respiration) of multiple people at the same time, and is the first in the world to sell an evaluation kit, which has been evaluated by many manufacturers.

**For More Information, please contact:** Hiroshi Sasaoka, [h\\_sasaoka@sakuratech.jp](mailto:h_sasaoka@sakuratech.jp)



Sakura Tech Corporation  
4F-B VORT Shin-Yokohama, 3-2-6 Shin-Yokohama, Kohoku-ku, Yokohama, Kanagawa, 222-0033, Japan. TEL: +81-45-548-9611 Email: [info@sakuratech.jp](mailto:info@sakuratech.jp)