

Prevent the spread of COVID19 with IoT device HKS Stronghold Official Release

A voice audio reminder to use hand sanitizer and visualization service of visitors density

HKS Co., Ltd. (Headquarters: Shizuoka, Japan, President: Mizuguchi Daisuke) offers a new IoT product called "Stronghold" to help to stop the spread of Novel Coronavirus that keeps a count of customers and offers visualisation of visitors density and reminds with voice audio to use a hand sanitizer.



Stronghold is installed near the entrance together with hand sanitizer. It recognizes movement and reminds to use sanitizer before entering. Using the data of incoming visitors it is possible to visualize the density and prevent a large number of people from gathering in one place to protect the most precious ones.

Stronghold Products:

Stronghold 002 (Size: W62xL76.2xH26.8mm)

Expected Price: 15,000 JPY

Audio Output, BLE (Bluetooth), 9 Axis Motion Sensor



Stronghold 002



Stronghold 002 Main Unit
Size: W62xL76.2xH26.8mm
Expected Price: 15,000 JPY
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Stronghold 002 Installation Instructions

Magnet Stronghold 002



1. Install a magnet to a door.
2. Install Stronghold on the opposite of magnet.
3. Connect 5V power supply (mobile battery, etc) to Stronghold main unit.

Stronghold 002 How it works



1. When the door is open, Stronghold senses a change in magnetic field and registers it.
2. Stronghold main unit then will remind "Please use hand sanitizer". (It is possible to choose different language)

The device register how many time the door was open and when, location (via GPS), ambient atmosphere and able to upload it to the Cloud using a smartphone connection. Stronghold 002 is able to communicate with a smartphone via BLE (Bluetooth) Connection.



Visualization of Density

Information gathered by Stronghold 001 and Stronghold 002 is used to visualize density of visitors and can be checked with a Smartphone or a PC (English Version of Software will be available later).

(Functionality of product differ depending on model)



Please find contacts below for details on functionality and other enquiries:

HKS Connected Service Website: <https://www.hks-connected.com/>