DISINFECTION
ENTRY SYSTEMS

Providing Secure
and Hygienic Entrance Solutions

HARDWARE

AUTOMATION

ACCESS

ANTI COVID'19 SOLUTIONS

Innux technologies proudly presents the solutions which provides secure and hygienic entrance of your employees into your facilities.

Now that the world is experiencing unprecedented times, managing and preventing the risk of the Covid'19 infection is more important than ever before.

Access

Automatic Disifection turnstile

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Providing Secure and
Hygienic Entrance Solutions

Innux Solution Categories:

1. ● Body Temperature / Mask Control with Hand Hygiene and Person Separation Systems

2. ● Turnstile Systems for Counting and Restricting People from overcrowding

3. ● Turnstile Placement Adhering to Social Distancing Guidelines

4. ● Disinfection Entry Turstile / Disinfection Entry System

5. ● Disinfection Entry Booth Gate

6. ● Disinfection Entry Solutions and Examples

Managing the Risk of Infection.

All over the world, new concepts, such as "social distancing" and strict health and social measures have gone int effect, by putting pressure on our regular social living, and the world global economy. Among the measures, which are monitoring body tempreature, the obligation of wearing facial masks, crowd control in public places, and ensuring hand hygiene. To limit the risk of infection and flatten the curve much as possible, Innux Technologies have developed a counter-pandemic first line of defence in buiding facilities entrances, with the purpose to surpass current measures and recomendations.
Those solutions ensure that such employees and visitors remain safe and healthy.

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Body Temperature / Mask Control

Hand Hygiene System

Hand Disinfectant Integration

This model is used to disinfect hands prior to entry through the turnstile. Even with authorization from the access control system, entry will be blocked in the case that disinfectant is not used. This way, every single individual that passes through will have to disinfect their hands. This model can be integrated with information screens.

- Turnstile top mounting legs
- Floor mounting legs

Body Temperature / Mask Use Monitoring
Thermal Imaging Integration

This model is ideal for points of high foot traffic, monitoring body temperature and/or mask use independent of any access control system. If the desired conditions are not met during control, the model will not allow entry even with authorization from the access control system.It can be used in places, such as:

- Business centers and other public buildings;
- Universities and Schools,

For flexible use, we offer the option of floor plates that do not need require ground mounting for temporary installations.

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Body Temperature / Mask Control
Hand Hygiene System

CHECK POINT

This model is ideal for points of high foot traffic, monitoring body temperature and/or mask use independent of any access control system before automatically guiding individuals to a second control point.

At this second poont, individuals approved for entry may pass through quickly with no waiting time. This model can be integrated with all thermal imaging systems that have relay and alarm outputs. It can also be used for separating/classifying individuals. Rather than monitoring public spaces with thermal cameras, this model has a 100% guarantee of fast review of each individual using fewer staff.

Places of Use:

- Airports, metro and train stations, ferryboat docks,
- Corporate centers with high levels of foot traffic,
- Universities and schools, hospitals, and other public buildings.

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Turnstile Systems for
Counting and Restricting People

Single or Double Turnstile Counting System

This system ensures that the limited number of people in an entrance-exit location that uses a single turnstile is kept within pre-determined limits, without the need for any access control system. Entry and exit are enabled either with a single turnstile or with two turnstiles used separately at the same point at the exits. Thanks to the sensors, tricking the system is prevented by the turnstile's manual turning system. The number of people allowed to go through can be programmed.

Example: If it's not allowed for more than 10 people to be in the toilets at the same time, the turnstile will block entry for the 11th person. This person will be given entry only when someone from inside the toilets exits. Individuals are guided thanks to an information screen.
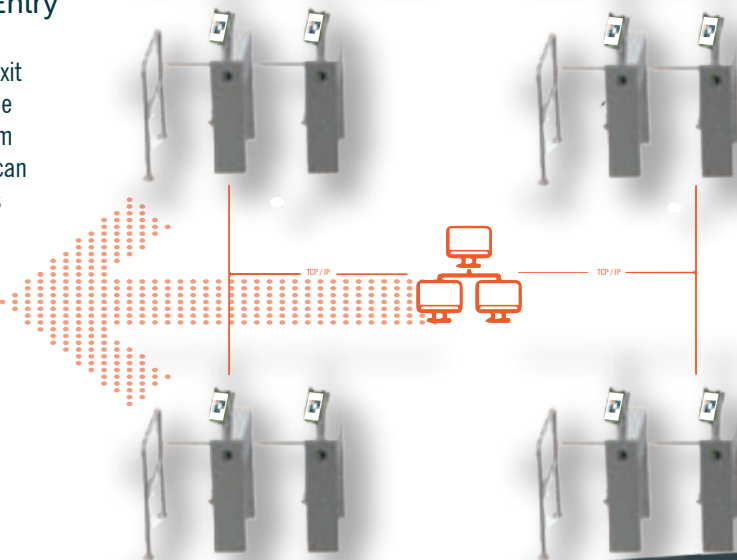
Places of Use: Toilets, Markets and Retail Outlets

Turnstile System for Multiple Points of Entry

In places where there are multiple independent entrance-exit doors, this system ensures that the number of people inside remains within specified limits. Entries and exits made from multiple turnstiles at the same point or at different points can be controlled through central software on the network. This system works independently of any access control system. At the points of entry, the information screens can be used to monitor the live number of people inside the facilities.

Places of Use:

- Shopping Malls;
- Markets with multiple points of entry;

TCP / IP   TCP / IP

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Turnstile Placement Adhering to

Social Distancing Guidelines

Unlike standar turnstiles that are placed next to each other, in turnstile installations coping with entrance-exit foot traffic, we suggest this model of turnstile placement that slides back and forth in order to preserve social distancing measures.

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Disinfection Entry Turnstiles

Turnstile Model PortGlass

A model that integrates a motor entry turnstile system with a disinfection system. After obtaining entry confirmation from a controlled entry system or body temperature and mask control monitoring thermal imaging system, employees and visitors under go disinfection and complete entry though an automatic winded gate. This can be integrated with all access control and thermal imaging systems.

The gate has tempered glass wings 10 mm thick that open outwards and close automatically after passage and the duration of automatic closing is ajustable.

An anti-collision safety sensor and unauthorized entry warning system ensure high levels of security.

Turnstile Model PortAccess

The full-height disinfection system consists of a disinfectant solution that is aerosolized into nano-dropets and administrated by spraing, which will result in the total disinfection of all the body surface of employees and visitors, ensuring the highest level of hygiene and contributing to the management of infectious diseases.

Special sensors detect an individual's height an allow only necessary nozzles to spray the solution, and this solution is water-based, poses no harmful effects on health, does not turn into moisture upon contact with clothing, and does not disturb individuals passing through.

The aerosolization system ensures that water and disinfectant consumption to a minimum, and the disinfectant tant on the side makes the process of filling very easily.

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Turnstile Model Port-S

The full-height disinfection system consists of a disinfectant solution that is aerosolized into nano-droplets and administrated by spraying.

This results in the total disinfection of all the body surfaces of employees and visitors, ensuring the highest level of hygiene and contributing to the management of infectious diseases.

Special sensors detect an individual's height and allow only necessary nozzles to spray the solution.

Turnstile Model Port- S A

This solution is water-based, poses no harmful effects on health, does not turn into moisture upon contact with clothing, and does not disturb individuals passing through.

The aerosolization system ensures that water and disinfectant consumption to a minimum.

The disinfectant tank on the side makes the process of filing easily.
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Turnstile Model PortFull

A closed-cabin, full-height disinfection system that can be integrated with access systems in locations that require high security and isolation.

When the thermal imaging system detects a risky individual. this individual is discharged through a third automatic door on the side of the cabin without being disinfected and entry is blocked.

This model can be integrated with all access control and imaging systems, and all the body surface of employees and visitors are disinfected, ensuring the highest level of hygiene and it contributes to the management of infectious diseases

Disinfection Entry System
Sample Application

1 - Inquiry of Entry Authorization: access control will be achieved through card or biometric readers on top of the turnstile along with thermal imaging systems that monitor body temperature and facial recognition devices that monitor mask use.

2 - Assessment of Entry into Disinfection Cabine: after entry has been authorized, entry through the turnstile is completed and is followed by entry into the Disinfection Systems. Sensors on the surface detect that an individual has entered, determine their height and allow only necessary nozzles to spray the solution and during the disinfection process, the LED on top of the cabin alerts the next individual in line with a red "stop/wait" warning.

3 - Disinfection: 360º disinfection or with no wet residue within seconds through 4-way aerosolization nozzles that spray the solution as individuals pass through.

4 - Completing Entry: once entry is complete, the LED located on the top of the cabin alerts the next individual in line that the disinfection cabin is ready by turning green. The duration of disinfection is about 5 seconds per each person.

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Disinfection Entry System
Sample Application

The disinfection system can be integrated with the different types of turnstiles represented in thes picture above and below and ; card and biometric access control systems; thermal imaging systems that monitor body temperature, and facial recognition devices that monitor mask use. This system can be integrated with different types of turnstiles according to density of passage, level of security, or architectural preferences.

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