



BIO-SECURE GATEWAY MANAGEMENT

The BioZone system has been proven to substantially enhance the level of bio-security you provide to your clients, as well as to your valued employees. It's design is based on decades of Medical studies which confirm the possibility of transmission of infectious diseases and viruses carried on shoe soles of all types, and potentially propagated to establishments via foot traffic. BioZONE is specifically engineered to perform in high-risk and high-traffic locations ranging from Pharmacies, Grocery Chains, Institutions, Hospitals, Centers for Extended care and Private businesses of all types. BioPLUS inc. is dedicated to providing bio-security solutions which are strongly based on documented Medical research as well as tangible Performance data obtained from thorough testing.

With decades of experience in Medical, Institutional, Commercial and Retail environments BioPLUS inc. ensures that you are equipped with products specifically engineered to effectively break the chain of transmission. BioPLUS inc.'s team of Medical Doctors, Biochemists, Molecular physicists, Engineers and Property managements experts have dedicated themselves to providing you with reliable systems which ensure that your brand achieves the next level of protection against the propagation of infectious diseases and RNA Viruses while efficiently managing traffic in the most vulnerable areas of your establishment. The following Technical Specifications document is provided to inform and support brands who assign importance to Implementing Advanced Bio-Security practices.

Gateway Management & Disinfection Station

Visual

Unfolded



Folded



Deployed



Description

BioZONE is intended to reliably provide advanced biosecurity management solutions to various facilities through engineered and systematic product development while adhering to strict protocols. Determined to effectively managing traffic and promote awareness in relation to invisible danger, BioZONE enables users to break the chain of transmission of infectious diseases and provides establishments with an effective traffic management system. With reaction time being of the essence, innovative biosecurity strategies must be developed and tested thoroughly to prevent the propagation of pathogens associated with people moving in and out of buildings during times when the population's travelling, social behaviour and visits to clinics and hospitals risk impeding efforts aimed at maintaining sanitation.

Our priorities are the following:

- Prevent the spread of pathogens through engineered devices deployed at the entrances and exits of buildings.
- Support brands, managers and institutions in implementing biosecurity systems and measures required to safely operate their buildings and reassure the users of various facilities and businesses.
- Reassure users, giving them confidence during times of crisis as well as times when operations resume.

Features

- Portable and foldable for effective storage
- Easily deployed within seconds
- Equipped with wheels to prevent having to carry the unit
- Lightweight while being manufactured with industrial materials
- Lexan panel promoting users be aware of the measures required by the establishment
- Versatile and easy to adapt to different operating contexts
- Equipped with a moistened mat for shoe sole disinfection
- Integrated Floor plate to enable the bypass of the disinfection mat (for deliveries or wheelchairs)
- Secure guardrail compliant with safety regulations
- Dispensing tower for antiseptic gel with pictograms included and the option to add a personalized logo
- Accepts your current Hand Sanitizer bottle formats via adjustable shelving
- Stores additional hand sanitizer securely with an anti-tamper locking system

Specifications

The package includes:

- 1 x BioPAD disinfection MAT embedded in a sturdy and reversible non-slip aluminum checker plate tray
- 1 x 4 litres (1 gallon) of EcoFLOR-190 ready-to-use disinfectant solution for surfaces and soles.
- 1 x BioSTAND hand sanitizing solution dispenser with a lockable compartment
- 1 x BioGATE unit with foldable guardrail and hinged lexan traffic management panel

Size and Weight



BioGATE

Width (unfolded)	813 mm (32 in)
Length (unfolded)	915 mm (36 in)
Height (unfolded)	965 mm (38 in)
Height (folded)	133 mm (5.2 in)
Empty weight	13.6 kg (30 lb)

BioSTAND

Width	203 mm (8 in)
Length	330 mm (13 in)
Height	902 mm (35.5 in)
Empty weight	6.9 kg (15.2 lb)
Weight with 1 x 4 litres in the compartment + 1 x 4 litres in the hand dispenser	13.6 kg (30 lb)

BioPAD

Width	610 mm (24 in)
Length	711 mm (28 in)
Height	50 mm (2 in)
Empty weight	5.44 kg (12 lb)
Weight saturated with disinfectant liquid	6.35 kg (14 lb)

BioZONE

Width	813 mm (32 in)
Length	915 mm (36 in)
Height	965 mm (38 in)
Weight (full-function use)	29.48 kg (65 lb)
Transport weight	20.41 kg (45 lb)

Delivery and Demonstration on Site

To make the setup process even easier, request the services of one of our representatives for the training of your staff.

[Procedures for Using the Disinfection Station](#)



1. Installation
2. Use
3. Maintenance
4. Cleaning
5. Storage
6. Troubleshooting

Important

- The unit must be set up on a flat, horizontal surface that is free of debris.
- The unit must be kept out of the rain and away from freezing temperatures.

1. Installation

- Install the BioZONE in a location that makes it easy to access when people are walking in and out of the building.
- Place the BioGATE so that the handrail is to the right of the user when entering the building.
- Unlock and remove the fixing pin that holds the handrail to the BioZONE. Unlock and remove the two fixing pins installed on the frame. Lift the handrail vertically and reinsert the two fixing pins on the frame. Lock the two pins to secure the handrail in the vertical position.
- Install the BioPAD in the BioGATE receptacle, with the pad mesh facing upwards.
- Place the BioSTAND on the side opposite the handrail, with the narrowing part facing the unit, aligned centrally with the unit. Leave a gap of 20 mm (¾ in) between the base of the BioZONE and the BioSTAND.
- Open the back panel of the BioSTAND and insert the Hand sanitizer container of your choice
- Shake the 4-litre container of pad solution for 5 seconds. Pour 0.5 litres (500ml) of Disinfectant Solution into the provided measuring cup.
- Slowly pour the contents evenly on the mat starting in the center, radiating outwards towards the edges in a circular motion
- Place the container of EcoFLOR-190 Disinfectant Solution on the bottom shelf of the BioSTAND.
- Close the BioSTAND door and lock the panel to protect the contents

2. Operation

- Step onto the BioZONE mat with both feet. Place one hand under the hand sanitizer dispenser spout. With the other hand, apply a downward pressure on the pump. Rub hands together and move forward (or when instructed) Use your lower body to move through the Lexan panel, and exit the disinfection station.

3. Maintenance

- Maintain an adequate level of solution in the BioPAD for optimum performance.
- 500 ml will disinfect up to 500 users.
- Replenish after the pad has stopped foaming -or- after 500 to 600 users have crossed -or- after 24 hours
- Always Replenish with 500 ml of included pad solution.



4. Cleaning:

- Rinse the BioPAD with clean water. The rinse water is harmless to the environment when sufficiently diluted.
- Set the BioPAD vertically in a drain area or outdoors. Use a garden hose to spray the carpet. Spray by sweeping the entire width of the carpet, from top to bottom.
- Leave the BioPAD in an upright position so that a maximum amount of water drains off.
- The BioPAD is ready to be reinstalled when completely drained.
- It is possible to purchase a spare BioPAD mat for use while the provided mat is being either cleaned or dried
- It is recommended to wear disposable gloves when performing any cleaning procedure

5. Storage:

- Clean and dry the BioPAD and place it in the checkerplate tray.
- Flip the tray to expose the checker-plate surface to secure the pad inside the unit.
- Unlock and remove the fixing pins that hold the handrail in a vertical position & Slowly lower the handrail.
- Insert the locking pin through the the ring on the base **and** the opening on the handrail of the BioGATE to securely keep the handrail in a folded position.
- Reinsert the two locking pins on the frame and Lock the two pins to secure them.
- Move the BioGATE unit while holding it by the handrail.
- Move and store the BioSTAND in a safe place by gently tilting it backwards onto its wheels

6. Troubleshooting

Please visit **www.bioplus.co** for support documentation, instructions as well as videos on how to use the BioZONE system efficiently.

For emergencies please call :

International Visual Corporation
514-643-0570

