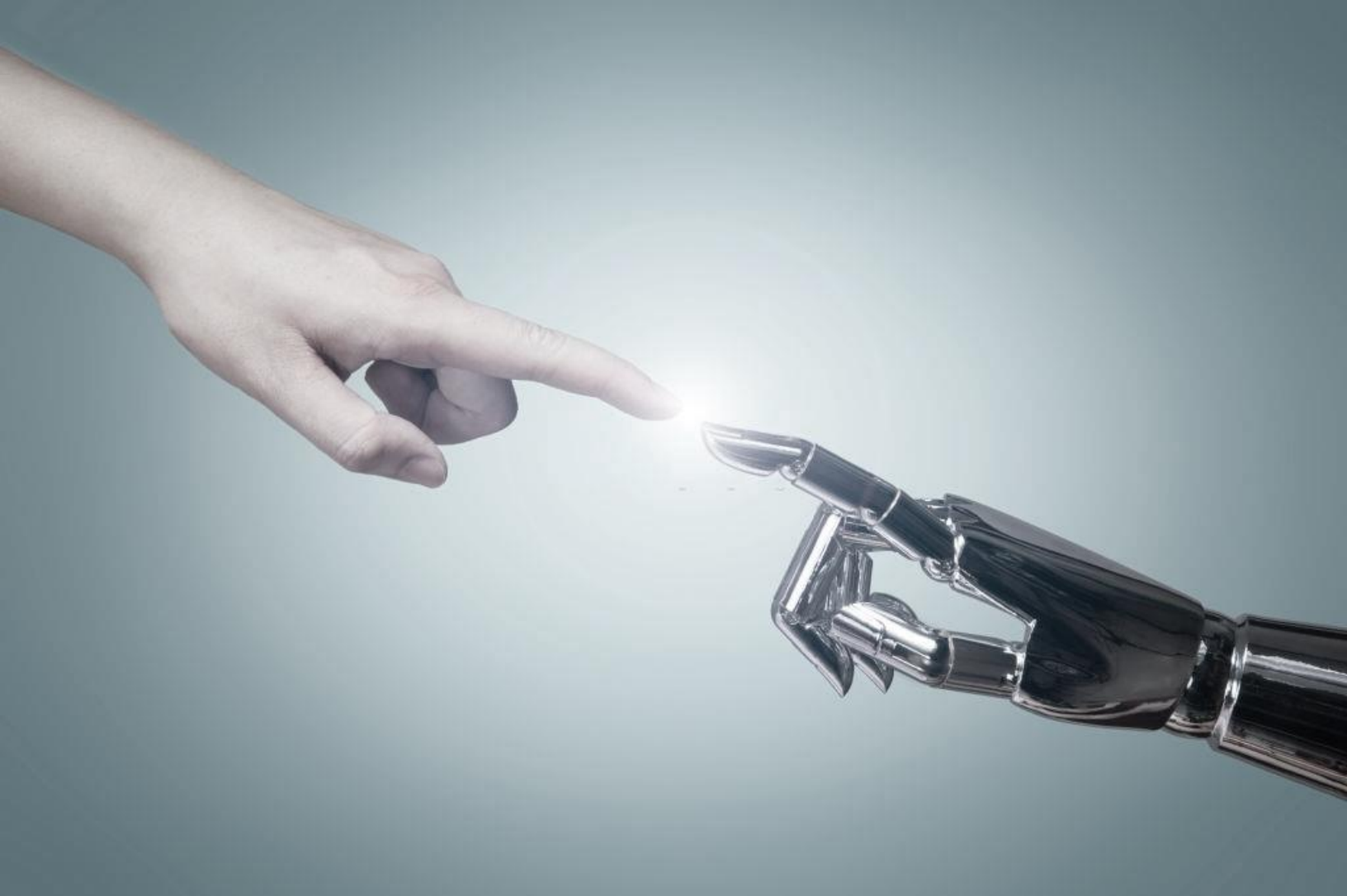




SMART SANIFICATION SYSTEMS PROJECTS BOOK

WWW.VALIAMO.IT



VALIAMO is an exciting and innovative Italian manufacturer of Hospital Furniture and Equipment, Home Care and Medical Solutions.

VALIAMO can supply across a huge range of state-of-the-art products: devices, furniture, equipment and integrated systems for hospitals, clinics, nursing homes and the community.

VALIAMO not only can provide the products needed but supports clients through the next stage, implementation .

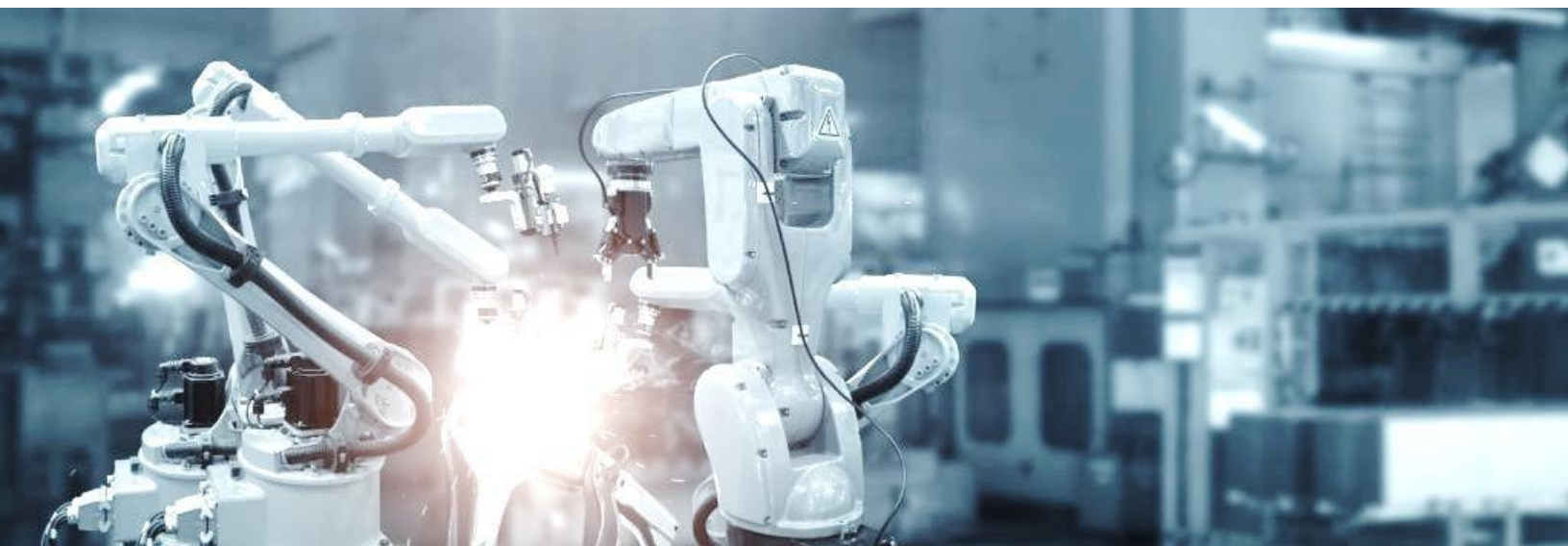
VALIAMO manufactures with italian design and high quality, and all products come with international certifications, licensing and patents.

VALIAMO removes the obstacles that make international cooperation difficult and ensure smoother implementation through collaboration during this stage.

VALIAMO continues support through its post-sale support to ensure the success of the project.



INTEGRATED PROJECTS FOR SMART SANIFICATION



THE NEW DIVISION VALIAMO SANITECH

2022 is the year of change for the worldwide population. We are entering in a new era of technology and prevention from the born of new viruses and bacteria

Following the worldwide situation and watching to the future of health, A New branch of VALIAMO is born called **VALIAMO SANITECH**.

VALIAMO Sanitech is a combination of technology and AI dedicate to the prevent and disinfection.

With a new 100% Made in Italy design, technology and know-Know we have developed line of Smart disinfection machines that can ensure a safety future for the worldwide population

VALIAMO Sanitech can also develop and realize turnkey projects an existing structures thanks to our engineering team directly on-site, arriving to sanitize the most complicated structure.

VALIAMO continues to watch to the future and to preserve the worldwide safety of population





The innovative sanitization and disinfection tunnel allows anyone to sanitize and disinfect in depth before entering any facilities.

It works with a sensor-based technology and contains an innovative dry mist atomization system of a virucidal antibacterial disinfectant.

Disinfectant atomization not only ensures that all those who pass through SANIGATE remain dry, but also significantly increases effectiveness and safety.



L'innovativo tunnel di sanificazione e disinfezione permette a chiunque di igienizzare e disinfettare in profondità prima di entrare in qualsiasi struttura.

Funziona con una tecnologia basata su sensori e contiene un innovativo sistema di nebulizzazione secca di un disinfettante antibatterico virucida.

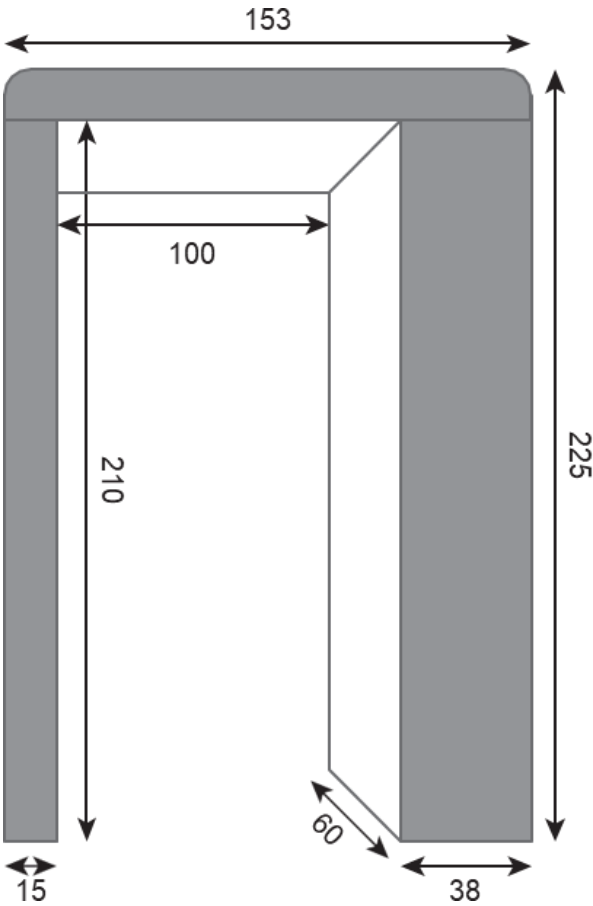
L'atomizzazione del disinfettante non solo garantisce che tutti coloro che passano attraverso SANIGATE rimangano asciutti, ma aumenta anche notevolmente l'efficacia e la sicurezza.

External size
height: 225cm
width: da 153cm a 253cm*
depth: 60cm

Internal size
height: 210cm
width: da 100cm a 200cm* depth: 60cm

Weight: 60kg

**specify the desired width in the order*



Model	SANIGATE
Material	Aluminium
Power supply	220V AC, 50/60Hz
Monitor	Touch screen 7" Full HD LCD, Resolution 1024x600
Thermal scanner reading precision	±0,3°C
Temperature threshold	37,5°C (adjustable)
Alarms	Acoustic, optical and smartphone
Loudspeaker	2x1.5W
Mask recognition	Yes, with voice warning if it is lacking
Sanitizing tank	25l - about 4.000 steps with level sensor and recharging pre-notice
Liquid hand sanitizer tank	5l - about 4.000 steps with level sensor and recharging pre-notice
Treatment duration	5 seconds (adjustable)
Mat	Draining, antibacterial, non-slip
Included accessories	Germicidal UV lamps, semaphore, motion sensors, voice warnings, remote connection (via PC, smartphone and tablet)
Optional accessories	Wristband printer, health card reader, people counting, connection to the water supply
Warranty	12 months

Mask
recognition



Hand
sanitization



Temperature
measurement



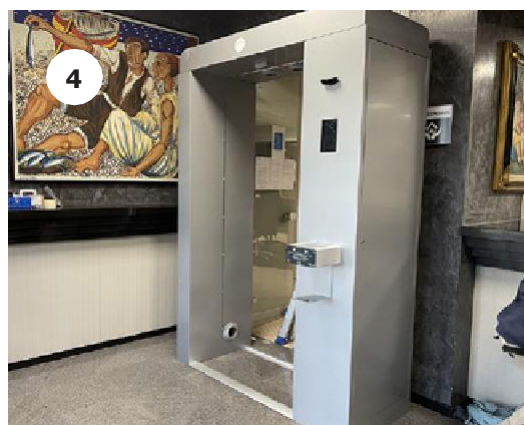
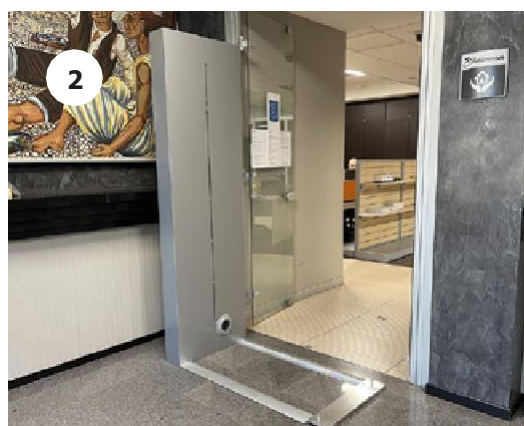
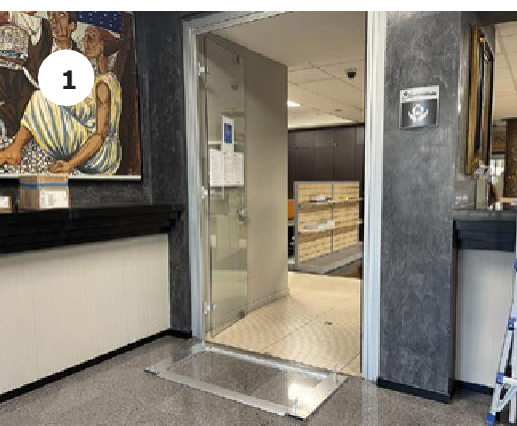
Sanitization and
disinfection

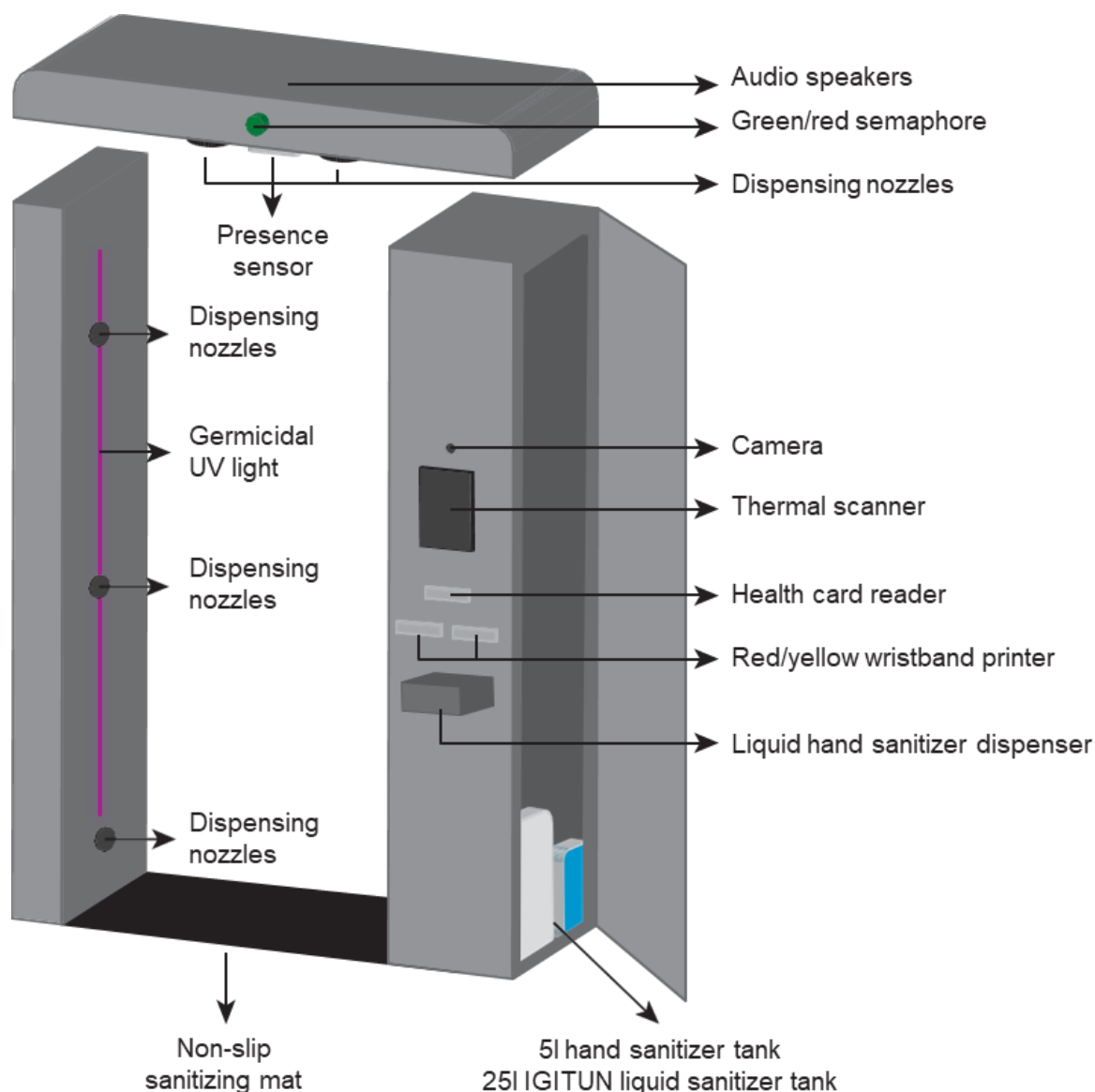


WHAT ARE THE ADVANTAGES OF SANIGATE?

- 24-hour functioning without operator presence.
- Contactless sanitization and disinfection.
- People, clothes and things can be simultaneously sanitized and disinfected.
- Easy to install and re-installable at will.
- No wetting, no staining and no damage to textiles and clothes.

MOUNTING





THE REVOLUTION OF SAFEETY

SANIGATE ensures extensive customization and options, when ordering you can choose the desired width between 100 and 200cm, require the arrangement on both sides of additional dispensing nozzles and request to equip the facility with health card reader and ID wristbands printer. We use only the highest quality materials in the production of our SANIGATE sanitization and disinfection tunnel. Design, development and construction of the product are made entirely in Italy. In order to ensure a proper and effective sanitization, use one of our sanitizing products IGITUN or a suitable liquid for spraying/ atomization that is safe and not dangerous in contact with the skin.

ATOMIZATION TECHNOLOGY

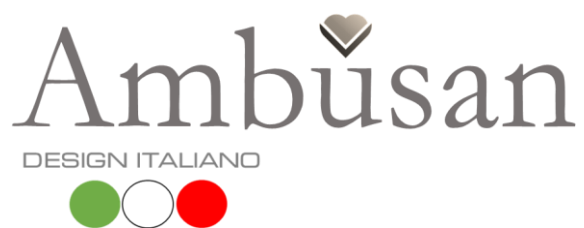
Atomization technology allows the particle size to be reduced to just 1 micron. Peculiar features of atomization are the speed of fog production, the density and uniformity of service combined with a very low energy consumption.

People and things can be sanitized and disinfected in advance by ultrasonic atomization of a sanitizing and disinfectant solution which is transformed into a dry mist which does not wet.

This technology does not alter the molecular structure of the solution.



AMBUSAN is a sanitization and disinfection tunnel for ambulances which allows to sanitize things and people. It works with a sensor-based technology and contains a dry mist atomization system of a virucidal anti- bacterial disinfectant. The tunnel is complete with a red/green traffic light, a motion sensor for the detection of people who access it, the nebulization system and a lamp for indoor lighting.



AMBUSAN è un tunnel di sanificazione e disinfezione per ambulanze che permette di igienizzare cose e persone. Funziona con una tecnologia basata su sensori e contiene un sistema di nebulizzazione a nebbia secca di un disinfettante antibatterico virucida. Il tunnel è completo di semaforo rosso/verde, sensore di movimento per il rilevamento delle persone che vi accedono, sistema di nebulizzazione e lampada per l'illuminazione interna.



HOW AMBUSAN WORKS

Once you enter the tunnel, sanitization and disinfection start with an automatic detection technology that sanitizes and disinfects people and things in a few seconds, ensuring a culling up to 99% of any pathogenic microbes, including Covid-19, present on surfaces.

The presence of a person is not necessary to monitor sanitization and disinfection.

The entire procedure is guided by a voice assistant which supplies necessary information to properly complete the process of sanitization and disinfection. The tunnel is remotely manageable and controllable and is equipped with level sensors for liquid sanitizer with notice of recharging.



AMBUSAN-XL, on the other hand, is a disinfection and sanitations tunnel that allows you to sanitize ambulances and vehicles.

After parking the ambulance inside the tunnel, you can begin sanitizing and disinfecting the vehicle. The procedure is not guided by a voice assistant and is activated manually by the operator via the appropriate button once both tunnel doors are closed.

To produce AMBUSAN sanitization and disinfection tunnels we use only the highest quality materials. The design, development and construction of the product are entirely made in Italy.

In order to ensure a correct and effective sanitization use the liquid sanitizer IGITUN, product indicated for the correct operation of AMBUSAN and that ensures the duration and effectiveness over time of the nebulization plant.

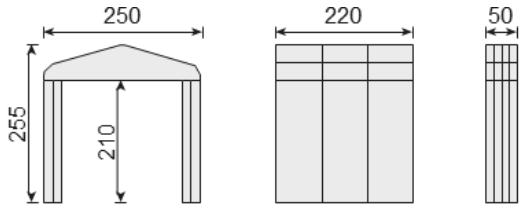


Class 1 medical device in accordance with EU Directive 93/42 EEC
N. 2078790

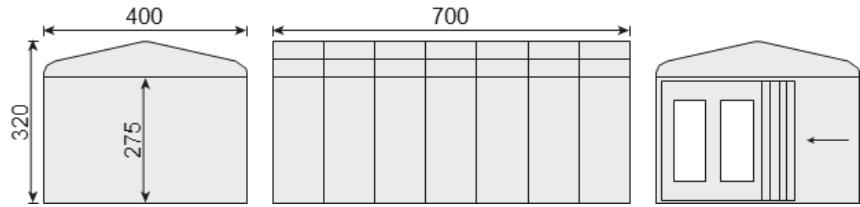


Class 1 medical device in accordance with EU Directive 93/42 EEC
N. 2078825

AMBUSAN



AMBUSAN-XL



		AMBUSAN	AMBUSAN-XL
Tunnel	Size (HxWxD)	255x250x220cm - retractable structure	320x400x700cm - retractable structure
	Wheels	Nylon	
	Passage detection	Barrier photocells fixed on special brackets	
	Visual signalling	Low consumption 24 Vdc red and green LED traffic light	
	Ground anchoring kit	n.4 170cm steel cables n.4 steel cables n.4 200kg concrete ballasts	n.8 200cm steel cables n.8 steel cables n.8 200kg concrete ballasts
	Accessories included	Indoor light, traffic light, motion sensors, voice warnings, remote connection (via PC, smartphone and tablet)	Indoor light, traffic light, motion sensors, voice warnings, remote connection (via PC, smartphone and tablet)
	Optional		Touch screen device to identify the operator, successful sanitization cycle certificate and related receipt printing
Roof cover	Material	PVC with class 2 fire retardant certificate, removable and divided into individual modules	
	Colour	White	
Nebulization plant	It includes	Control units	
		Hydraulic electric pump to press the plant	
		Pick up tray	
		Auxiliary draught pump for ready-to-use sanitizing product and related draught filter	
		High precision dispenser and a water filter to use concentrated sanitizer	
		External button for manual operation	
		Misting system composed of 4 groups of nozzles with 3 nozzles each, for a total of 12 misting nozzles with a diameter of 20 microns, integrated in the structure, and arched	High pressure Misting system composed of 4 groups of nozzles with 3 nozzles each, for a total of 24 misting nozzles with a diameter of 20 microns, integrated in the structure and arched (2 arches).
		The spraying system with hydraulic electric pump is housed inside a protective metal container with safety lock. Inside it there will be space for the housing of two/three tanks of sanitizer 25 liters each.	
Kit n.02 closures	Front + back		Sliding
			Front windowed - Back blind



VIAGREEN is the new smart device than can keep memory of the accesses made by every single Green Pass, allowing Hospitals and public transport and places to monitor and allow visits on alternate days, as required by the recent provisions.

All our Covid-19 prevention devices can be integrated with VIAGREEN

The system can also make a double check scanning the EU Health Card Code to prevent the fake certifications.



VIAGREEN è il nuovo smart device in grado di mantenere memoria degli accessi effettuati da ogni singolo Green Pass, consentendo a Ospedali e mezzi pubblici e luoghi di monitorare e consentire le visite a giorni alterni, come previsto dalle recenti disposizioni.

Tutti i nostri dispositivi di prevenzione Covid-19 possono essere integrati con VIAGREEN

Il sistema può anche effettuare un doppio controllo scansionando il Codice Tessera Sanitaria UE per prevenire le false certificazioni..

WHAT'S THE GREEN PASS?

In Italy and UE countries Covid-19 certificate is required to attend parties for civil and religious ceremonies, access health care residences or other facilities, move in and out of territories classified in “red zone” or “orange zone”. it is even necessary to access any type of restaurant indoor table services, shows, events and sports competitions, museums, institutes and places of culture, swimming pools, gyms, wellness centres, fairs, festivals, conferences and congresses, spas, theme and amusement parks, cultural and recreational centres, gambling halls and casinos, public competitions.

Our readers supplement the official SDK and are therefore in compliance with provisions.

•**SDK** (Software Development Kit): such mode consists of an application development package issued by Health Ministry with open source license, which allows you to integrate into access control systems, included those for presence detection, Green Pass validation functionalities. The SDK mode offers the same capabilities of the validation app “VerificaC19”, through certificate QR code reading.



DOUBLE ID CHECK



HOW DOES THE GREEN PASS READER WORK?

To make it easier and faster to access to the facilities where it is required Valiamo Sanitech has introduced **VIAGREEN**, a column equipped with a Qr Code reader which verifies the Green Pass validity. What you need is an Internet connection with cable or Wi-Fi.

We also produce the version equipped with sensor for reading the temperature from the wrist (**SMART-VIA-TEMP**) and printer that, once verified the validity of the Green Pass, emits an adhesive label containing the personal data of the user, the result of the reading and the printing date for a quick check by the operator (**VIAGREEN-FULL**).

The device can keep memory of the accesses made by every single Green Pass, allowing Hospitals, public transport, public places to monitor and allow visits on alternate days, as required by the recent provisions.

All our Covid-19 prevention devices can be integrated with VIAGREEN.

STILL USEFUL AFTER THE PANDEMIC

After the pandemic your Green Pass reader may be converted into a “Queue cutter”, “Self Order” system or access control with face recognition.

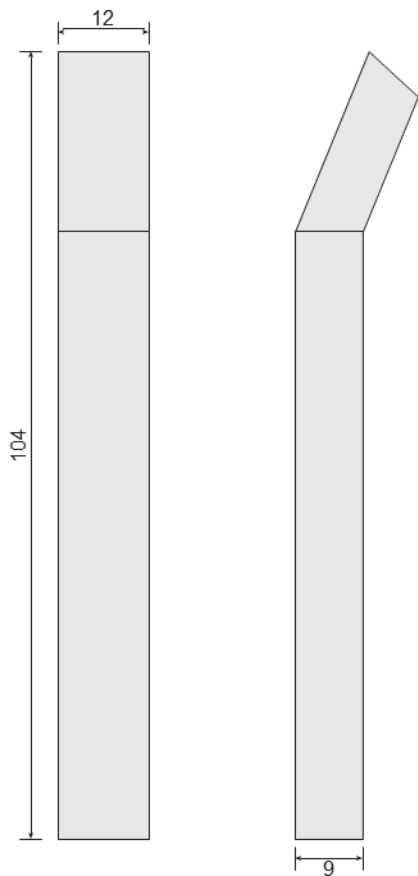


DESIGN ITALIANO



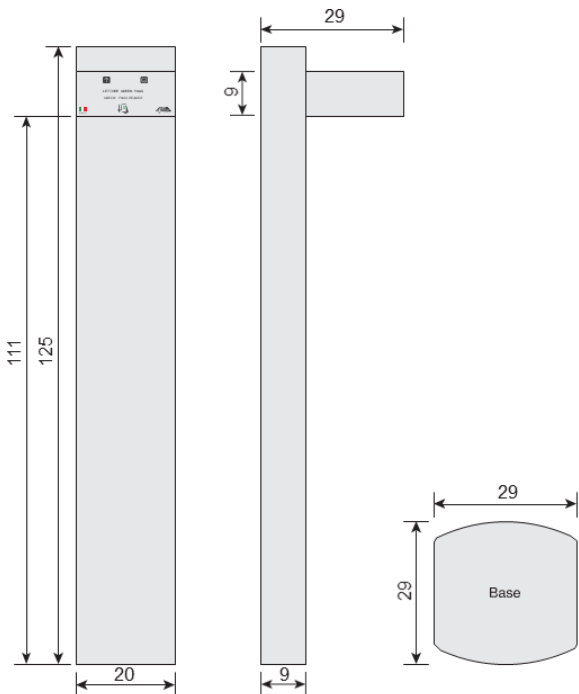
GREEN PASS





VIAGREEN INDOOR SOLUTION

Size (HxLxD)	104x12x9cm
Weight	3,5kg
Power supply functioning	220V AC, 50/60Hz
Changes in supply voltage	Within ±10%
Network	Ethernet, Wi-Fi
Connection	Only online to ensure data reliability
Web page	In Italian, protected by password
Loudspeaker	2x1.5W
Voice assistant	The whole procedure is guided by a voice assistant
Degree of protection of the casing	IP20
Remote assistance	Yes
Safety	IEC 60204-1
In compliance with the last Prime Ministerial Decree	
It provides all Green Pass cases	



VIAGREEN OUTDOOR SOLUTION

Size (HxLxD)	125x20x29cm
Weight	3,5kg
Operating temperature	-20°C to +70°C
Power supply functioning	220V AC, 50/60Hz
Changes in supply voltage	Within ±10%
Network	Ethernet, Wi-Fi
Connection	Only online to ensure data reliability
Web page	In Italian, protected by password
Loudspeaker	2x1.5W
Voice assistant	The whole procedure is guided by a voice assistant
Degree of protection of the casing	IP65
Remote assistance	Yes
Safety	IEC 60204-1

- ✓

In compliance with the last Prime Ministerial Decree
- ✓

It provides all Green Pass cases

ZEROBACT



THE FIRST SELF SANIFICATION BED

An innovative and patented system that revolutionizes the concept of sanitation in hospital environments. Valiamo's new ZEROBACT technology installed in the new beds sanitizes the automatic bed with a bactericidal steam jet. The result will be a bed that is always sanitized with each use.

IL PRIMO LETTO AUTOSANIFICANTE

Un sistema innovativo e brevettato che rivoluziona la concezione di sanificazione negli ambienti ospedalieri

La nuova tecnologia ZEROBACT di Valiamo installata nei nuovi letti sanifica il letto automaticamente con un getto di vapore battericida. Il risultato sarà un letto sempre sanificato a ogni utilizzo



Class 1 medical
device in accordance
with EU Directive
93/42 EEC



TOTAL CONTROL



THE MOBILE SANIFICATION GATE

An innovative and patented system that revolutionizes the concept of sanitation in hospital environments. The new TOTAL CONTROL technology by Valiamo Sanitech consists of a passage on wheels that sanitizes any hospital equipment with a bactericidal steam jet and a UV lamp. The gate can be transported anywhere within the hospital or healthcare facility with ease by healthcare professionals

IL VARCO SANIFICANTE MOBILE

Un sistema innovativo e brevettato che rivoluziona la concezione di sanificazione negli ambienti ospedalieri. La nuova tecnologia TOTAL CONTROL di Valiamo Sanitech consiste in un varco su ruote che sanifica qualsiasi attrezzatura ospedaliera con un getto di vapore battericida e una lampada UV. Il varco può essere trasportato ovunque all'interno dell'ospedale o struttura sanitaria con facilità dagli operatori sanitari



Class 1 medical
device in accordance
with EU Directive
93/42 EEC



SmartTriage

Pre-hospital triage area is composed of a wall equipped with a monitor with no. 10 touch buttons, a health card reader, a printer for yellow wristbands, a printer for red wristbands, two pulse oximeters, a 120cm wide automatic gate, complete with a QR code reader and LED light signals to gain access to the waiting room and a 120cm wide automatic gate complete with a QR code reader and LED light signals to gain access to "COVID" room.



SmartTriage

L'area di triage preo-spedaliera è composta da una parete attrezzata con un monitor con n. 10 pulsanti a sfioramento, un lettore tessera sanitaria, una stampante per braccialetti gialli, una stampante per braccialetti rossi, due pulsossimetri, cancello automatico largo 120 cm, completo di lettore QR code e segnalazioni luminose a led per accedere alla sala d'attesa e un Cancelllo automatico largo 120 cm completo di lettore QR code e segnalazioni luminose a led per accedere alla sala "COVID".

SMARTPRE-TRIAGE-MED



**AUTOMATED PRE-HOSPITAL TRIAGE SYSTEM
WHICH EXPLOITS ARTIFICIAL INTELLIGENCE
TO DIVERSIFY FIRST AID ACCESS ROUTES**

 Dispositivo medico
classe 1 conforme
alle direttive
UE/93/42 CEE
N. 2070154

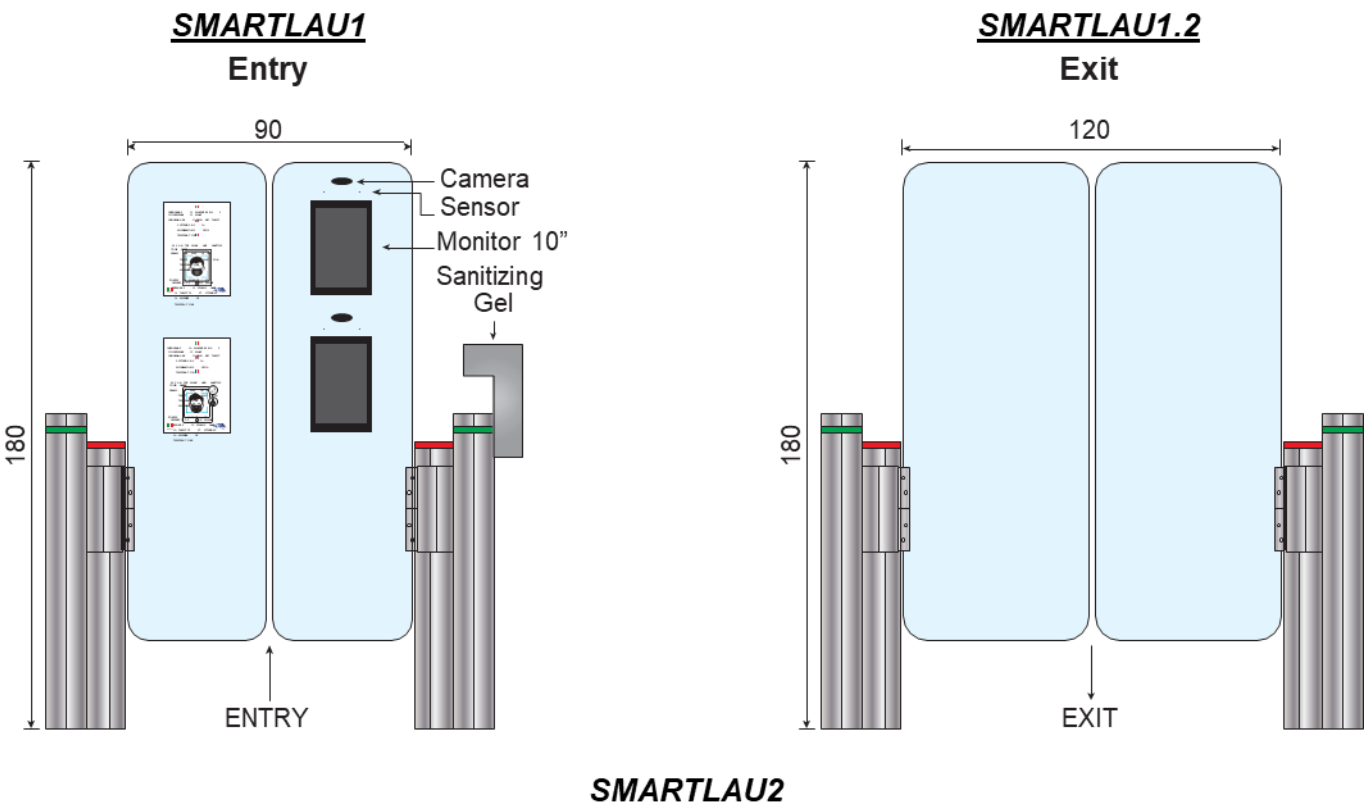
Pre-hospital triage area is composed of a wall equipped with a monitor with no. 10 touch buttons, a health card reader, a printer for yellow wristbands, a printer for red wristbands, two pulse oximeters, a 120cm wide automatic gate, complete with a QR code reader and LED light signals to gain access to the waiting room and a 120cm wide automatic gate complete with a QR code reader and LED light signals to gain access to "COVID" room.

Once the first breach has been overcome, the user at whom a temperature below the threshold has been detected, finds a wall system with a monitor dedicated to pre-hospital triage.

Through a health card reader, they can register simply entering their card into the reader and completing the pre-hospital triage procedure answering a few questions by approaching their hand to the touch keys near the monitor.

In case the user has not their health card with them, they can still access the pre-hospital triage but their personal data cannot be registered.

At the end of the procedure, according to the answers given, a yellow or red wristband is printed with the following data: sequence number, full name, date of birth, date and time of registration and a QR code.



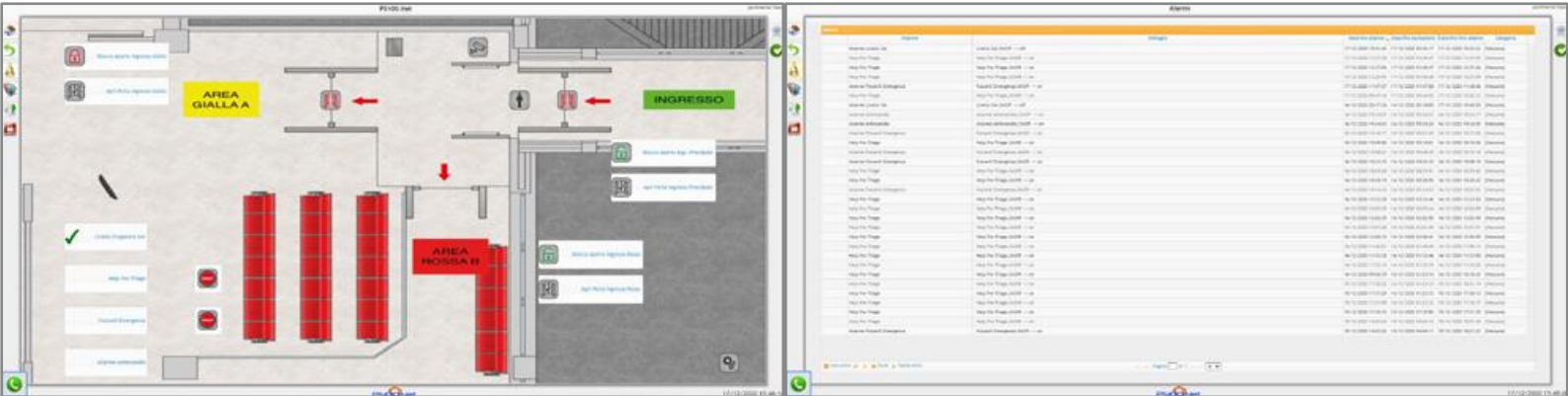
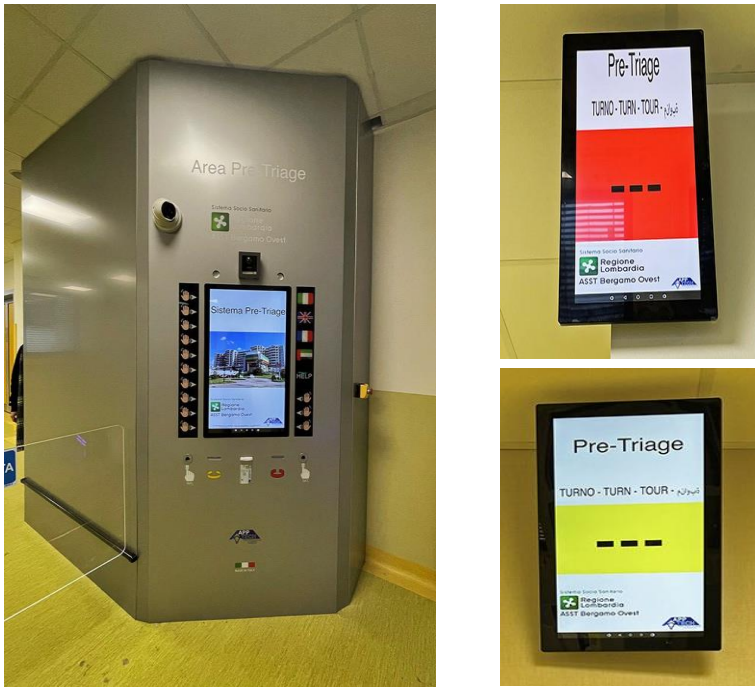
Approaching the wristband to the QR code reader, located near the automatic entry gate into the waiting room (for yellow wristbands) or “COVID” room (for red wristbands), the gate will open to allow access.

The user, at whom a temperature above the threshold has been detected, accesses as well the pre-hospital triage area, enters their health card into the card reader and a red wristband is printed, which approached to the QR code reader, located near the automatic entry gate of “COVID” room, opens the gate to allow access exclusively to “COVID” waiting room.

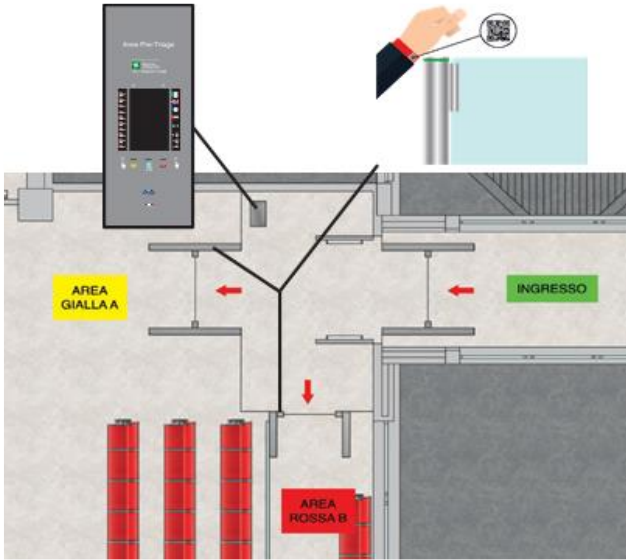
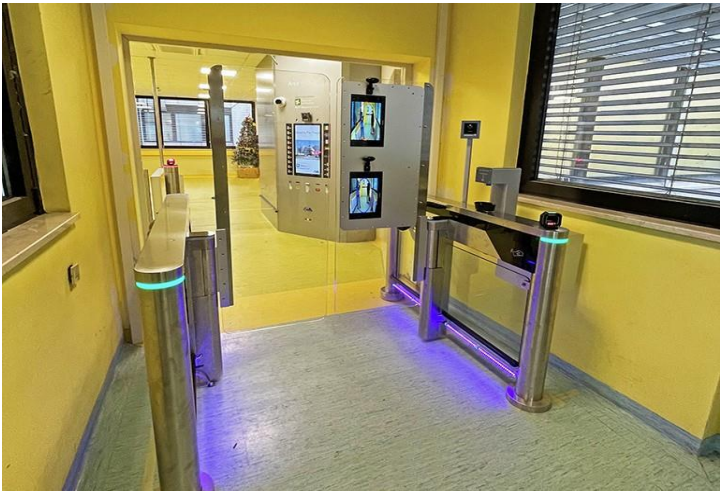
The reference gates are visually highlighted by Led lights signals.

The touchscreen is customizable, you can have up to 4 languages and set the questions you want to display.

All the procedure will be guided by a vocal assistant customizable according to the language of your choice.



Graphic interface



PROJECTS ON DEMAND



VALIAMO SANITECH is not only a branch that produces standards products. We have an internal division of Engineers that develop "Projects on Demand"

Thanks to this division, the Valiamo team can develop from zero a complete project of sanification for complicated plants, or for special public transport places as Metro, Airports, Train and Bus.

Our team will study case by case the demand of the customer and will develop the best solution with a service of installation and technical assistance in real time.

REFERENCES



PROGETTI SU RICHIESTA

VALIAMO SANITECH non è solo un ramo che produce prodotti standard. Abbiamo una divisione interna di Ingegneri che sviluppano “Progetti on Demand”.

Grazie a questa divisione, il team Valiamo può sviluppare da zero un progetto completo di sanificazione per impianti complessi, o per luoghi speciali di trasporto pubblico come Metro, Aeroporti, Treni e Bus.

Il nostro team studierà caso per caso la richiesta del cliente e svilupperà la migliore soluzione con un servizio di installazione e assistenza tecnica in tempo reale.



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