



## Gunnebo HiSec<sup>2</sup> 6

### Motorised security booth for internal or semi-external installation

HiSec is a security product in the Gunnebo Turnstiles offering. The HiSec<sup>2</sup> 6 has a transparent and elegant design offering a choice of security levels preventing tailgating and piggybacking.

The doors are always locked shut in the rest position. An authorised signal opens the first door allowing the user to step into the booth where a presence is detected. When the first door is closed, the second door opens, thus allowing the user to pass through. The second door shuts after the unit has been vacated which also resets the system.

The HiSec detects with an electronic ultrasound sensor if more than one person is present inside the booth.

The booth is set with a predetermined, but adjustable anti-hostage threshold. As an authorised user stands in the booth, it confirms acceptance of the occupant and authorises the door to close. Should the measured volume presence not be authorised, i.e. more than one person is present non-permitted big additional baggage, a vocal synthesiser will ask the occupants to leave the booth.

An additional left object sensor is able to detect on the floor the presence of an object of the size of 50x50x30mm.

The HiSec is equipped with a electronic safety features that reverses the motor to re-open the door upon detection of an obstruction. The door fully opens to allow the obstruction to be removed after which it attempts to re-close.

## Technical Specifications

### Drive

The booth is motorised, driven by geared Brushless DC motors regulating the speed of movement. The safety of the user is ensured by monitoring the presence within the area and safety torque sensing of the drive.

### Materials

**Structure:** Embossed painted steel section powder coated finish, RAL colour 9006, FB3- EN1522

**Glass-** Standard: BR1/S, P4A- 12mm Laminate Safety Glass, EN1063/356 -Safety Manifestation on moving glass door

**Ceiling:** Laminated HPL finished Pearl Grey

**Base Plate:** High-strength laminate with finishing in colour Plumb Grey

**Sliding door:** Aluminum frame, RAL 7040

### Light

A low voltage light is positioned internally on the ceiling.

## Technical Data

Power Supply	230-240 Vac 50-60 HZ
Power Rating	230V AC - 1,4 A/115V AC - 2,8 A
Logic voltage	24V DC
Operating Temperature	From -10° to 45°
IP rating/ MCBF/MTTR	IP33/2M cycles / less than 30 min
Flow Rates (approximate figures):	Proximity Reader: " Hands Free", 4 passages per minute

## Applications

Head Offices	Government
Banking	Military
Data Centres	Information Technology
Telecommunications	

### Power Failure / Fire Alarm

In case of power failure, a battery back-up will allow approx. 20 passengers after which the entry door is unlocked (Fail Safe) allowing it to be manually opened by anyone inside the HiSec<sup>2</sup>. While the exit door remains locked (Fail Lock) to ensure protected access to the secure area.

## Benefits

Premium high security solution

Elegant design

Reliable performance

## Options

Extended Passage Height/ Cornice Height	Ballistic Resistant Glass- BR2/S, BR3/S, BR4/S, BR4/NS, BR6/NS - EN1063
Heating Kit -15°C	Ballistic Resistant Structure- FB4, FB6- EN1522
Semi- external installation	Manual Attack Resistance- RC2, RC3, RC4 - EN1627 (Not available with Metal Detection upgrade)
Left object sensor	Active Infra-Red Sensor
Ultrasound sensor	Integration of Card reader/ Pictogram
Double Contact mat	Demountable version
Weight Sensing Upgrade	Maintenance Access from Ceiling
NCI	Alternative finishes- Custom RAL colours, Stainless Steel
Emergency Button	Metal Detection

### Single Person Detection- Optional Upgrades available:

- 1. Ultrasound** Basic digital detection via high-frequency waves. Permitted access only when the volume present in the booth is within the adjustable threshold.
- 2. Double Contact Mat** Basic analog detection based on the limitation of space. The mat has two zones, with one small inner zone. If pressure is applied outside the inner zone, passage will not be permitted. Stand alone or with Ultrasound.
- 3. Weight Sensing** Upon entry, the presence inside the booth is detected and is weighed. Weight is used to decide whether to accept or reject passage. Stand alone or with Ultrasound.
- 4. NCI** Advanced system based on Image analytics, AI and a dual camera system. This ensures passage to one person only. (Replacement for Ultrasound)

### Active Infra-Red Sensor- (Optional)

Detects presence at the entry of the booth to allow free opening of the entry door if required.

### Reader Integration (optional)

Readers can be located on the interior and exterior of the booth, allowing a single or two-factor authentication process. A confirmation signal is also given to affirm the completion of the passage.

## SITE PREPARATION: HiSec6<sup>2</sup>

Product is delivered in fully assembled and requires lifting equipment.

Approx. Weight 450-550 Kg (BR1 Glass) ( For installation details, please refer to installation layout drawings)

### Technical Data

Power Supply	230Vac 50Hz or 115 Vac 60 HZ
Power Rating	230V AC - 1,4 A/115V AC - 2,8 A
Logic voltage	24V DC
Operating Temperature	From 0° to 50°
IP rating/ MCBF/MTTR	IP33/1,5M cycles / less than 30 min
Flow Rates (approximate figures):	Proximity Reader: "Hands Free", 4 passages per minute

### NOTES:

1. For the RC4 version the cornice increases by 50mm to 250 mm instead of 200 mm and the overall height of the booth increases by the same amount.
2. BR6 Upgrades require an increase in outside diameter by 50mm
3. Note the base increases to 30mm from 20mm when weight detection is selected

**Important:** Any horizontal pipe or conduit running below the MTR must be at least 140 mm below FFL. Metal conduit for cables should be raised at least 50 mm from foundation. It is the customer's responsibility to ensure the structural integrity and strength of the installation location. The dimensions given in this Product Data Sheet are for information only. In order to prepare the installation site, please refer to your usual Gunnebo Customer Service contact

**Conditions of use:** When using Gunnebo's security access control gates, for security and safety reasons, children must always be supervised by an adult.

# Gunnebo HiSec<sup>2</sup> 6

Design and production: Gunnebo. Photos Credits: Gunnebo. The data given in this material may be subject to change without further notice. The Gunnebo logos and "Gunnebo - For a safer world" are registered trademarks of Gunnebo AB.



Take advantage of our knowledge:  
[www.gunneboentrancecontrol.com](http://www.gunneboentrancecontrol.com)

**GUNNEBO**<sup>®</sup>