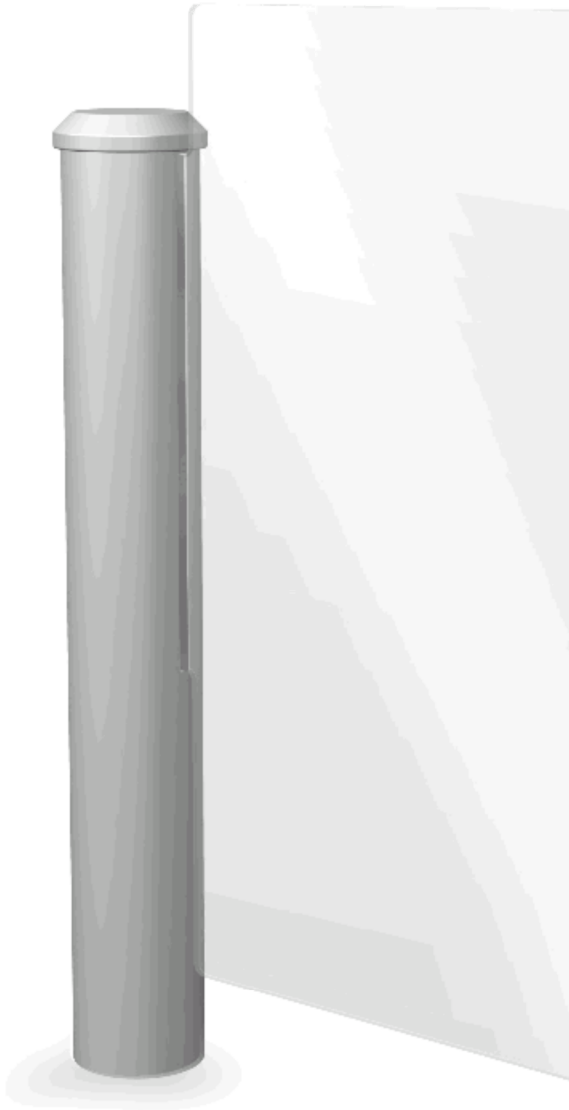


HTC – 931 DDA Gate



Designed for intra-building sites, the HTC931 provides easy access to users with reduced mobility (wheelchairs, trolleys, bulky equipment, etc) and easy evacuation of the building in case of emergency.

The HTC931 is higher than the standard DDA gate, so it can be installed with taller access equipment. Its sober design aims to control access in prestigious entrances.

As it is bidirectional, the obstacle opens in the user's direction of passage. The obstacle is mechanically locked in its closed position.

Description

1. Steel central pillar treated against corrosion by epoxy paint, fixed to the floor by means of an adjustable base allowing easy levelling.
2. Passage obstacle in clear toughened glass, thickness: 10mm.
3. AISI 304 stainless steel panels, brushed finish, giving easy access to the electro-mechanical group and to the control board.
4. Electro-mechanical group with a geared motor and an impulse encoder connected to the control board, enabling permanent feedback about the glass position and an appropriate reaction by the control board.
5. Control board with LCD and push-buttons for configuration of obstacle movement and test functions.

Operation

At rest, the gate is maintained closed by an electro-mechanical lock.

The gate can be activated by an impulse from an access control system such as push-button or card reader installed on a support post or from a console in the reception area.

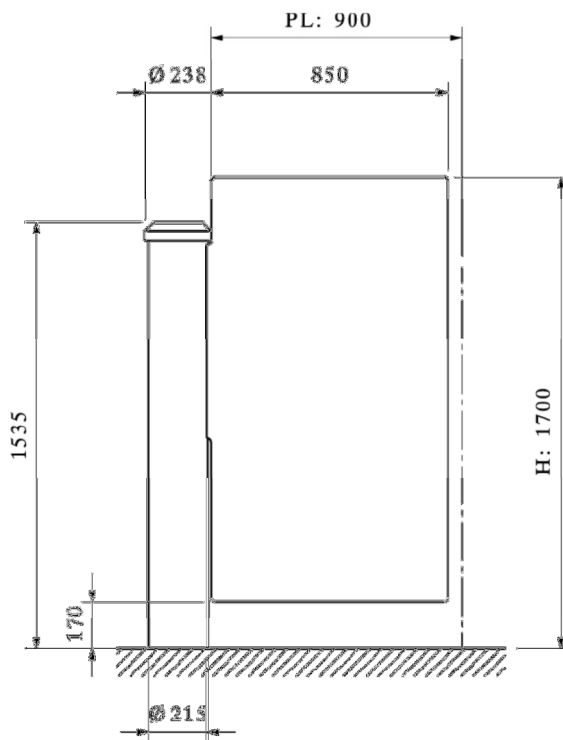
After activation, the gate opens automatically (in the direction of the walkway) or by means of a light push. The opening angle is adjustable. The obstacle remains open and closes automatically after a pre-set time delay

The opening speed can be adjusted to meet local requirements.

If the gate is obstructed while rotating, the obstacle reverses and makes successive attempts to complete the cycle. These attempts are made with reduced strength to avoid hurting the user. If the last attempt is still unsuccessful, the motor is automatically switched off to prevent overheating.

A Fire Detection command enables to open the gate immediately (opening direction selectable). In case of power failure, the gate unlocks and can be opened by pushing the glass leaf.

Standard dimensions (mm)



Standard technical characteristics

- Power supply: 230V AC single phase, 50Hz
- Nominal power consumption: max 200 W.
- Ambient temperature: between -20(*) to +60°C
- RH: < 90%, without condensation.
- Minimum opening time (adjustable): 2.5 s
- Closing time = opening time.
- Hold time in opening position: adjustable between 0 and 100 s.
- Weight (including obstacle): between 100 and 120 kg, according to obstacle's height.
- MCBF (Mean Cycles Between Failures), when respecting recommended maintenance: 1,000,000 cycles.
- IP 51.
- EC compliant.
- DAS Certified (Powered Security Device) in accordance with Fire Safety NF S 61-937 standard.

Work to be undertaken by customer –

- a) Mains supply, cable to be long enough to be connected to the head of the unit. Entered from underneath.
- b) Cabling for the required access control.
- c) Required civil construction work, upon an order being placed a site specific drawing will be issued.

Additional extras –

- Additional pictograms on the top section, to indicate wait, proceed and access denied.
- Support posts for readers and push buttons.
- Push button consoles for behind reception areas.
- Change of incoming supply from 240v to 120VAC.
- IP Monitoring panel, requires IP connection but enables you to see the position of the gate and also any errors/alarms.
- Free opening on exit cells.
- Personalized company logo on the leafs, artwork has to be supplied for us to design.