



UniRitz II integrated into the frame of a Gunnebo aluminium door

UniRitz II surface mounted on any existing door

UniRitz II

Detection system

Ideal for controlling the access of people at any location of a building

The UniRitz II has been designed to ensure access control security by preventing entry of two or more people at any time in a secured room

- Integrated version into the frame of a Gunnebo aluminium door
- Surface-mounted version to be installed on any other door

UniRitz II

Detection System

- **Materials**
 - Infra-Red beam array system
 - Sensors are either fully integrated into the rabbet of a single leaf P60 & 80 door frame or put into an alu section that is fixed to the frame of any other door
 - The sensors are concealed by a black polycarbonate cover
- **Orientation**
 - Inward or outward opening, covering either direction of passage
- **Operation**
 - The system uses a combination of IR sensors to measure how long the different parts of the body take to come through the doorway (head, body, legs)
 - The door must be fitted with a door contact (to be provided in addition if necessary) that indicates whether it is open or closed. The detection system is inactive whenever the contact indicates that the door is closed
 - Upon authorization (card reader), the door can be opened and the system is activated. Then, it processes the signals from the sensors. IR beams cross-check passage to ensure that only one person passes through the doorway at a time
 - If the system detects that more than one person has stepped through the doorway, an alert is sent to main control to give notice of the situation. The alert may be given in several ways (red light, automated voice message)
- **Sensitivity**
 - 3 setting levels are available
- **Interface**
 - System functions and information processing are handled by a Multimat-type automaton housed in a remote box (L254xW148xH87mm)
- **Power supply & consumption**
 - 10 V to 30V (not provided) & 1A max under 24V
- **Use restrictions for the integrated version only**
 - Loss of the anti-breakthrough certifications
 - Only fitted to single leaf doors
- **Use limits**
 - We cannot guarantee that this detection system will prevent at 100% piggybacking and tailgating
 - We recommend using it in an already watched environment

Models or Versions

- Integrated version
- Surface-mounted version

Options

- Voice synthesizer
- Power supply

Applications

- Banking
- Head offices
- Laboratories
- R&D rooms
- Telecommunications
- Government buildings
- Law enforcement
- IT's

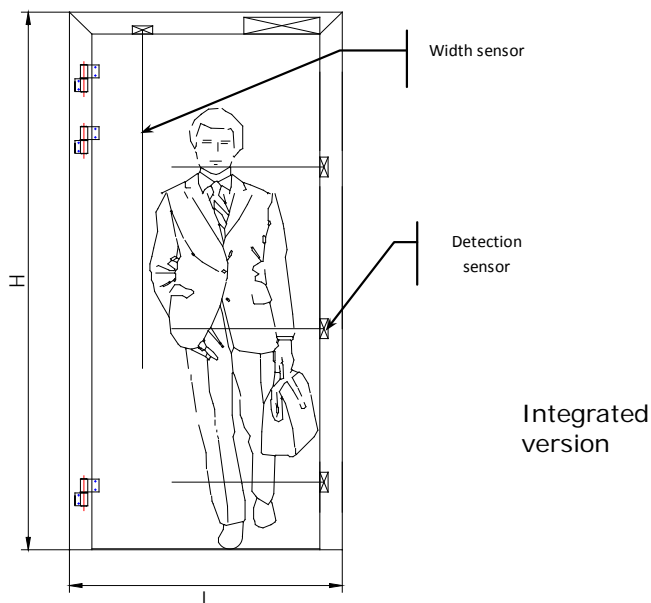
Advantages

- **Integrated version** not visible and accessible from the outside
- **Integrated version** not exposed to the elements
- **Surface-mounted version** to fit any door

UniRitz II

Detection system

Site Preparation:



Door dimensions	Integrated UniRitz II	Surface-mounted UniRitz II
Passage width	$W \leq 1\,350\text{mm}$ (overall width: 1 500mm)	$W \leq 1\,100\text{mm}$
Overall height	$1\,800 \leq H \leq 2\,300\text{mm}$	$1\,900 \leq H \leq 2\,300\text{mm}$

Adjustments: in its standard adjustment, a compromise between the efficiency of the detection and the ease of going through has been defined. You can of course increase the efficiency of the detection (hostage-taking), but it will be more restricting to go through the system (increase of false alarms). The opposite adjustment may be possible.

