StereoVision

A new dimension in security access

Many of the demands for high security solutions resulting from the emerging threats in society are now answered with our new StereoVision technology. With StereoVision in a Boon Edam Tourlock or Circlelock you can reliably detect and prevent unauthorised passage at your entrance.

Tourlock 180 + 90

Our Tourlock 180 + 90 is a high security revolving door, allowing only authorised people to enter your secured area. The 4-wing configuration allows, bi-directional passage of up to 20 authorised people per minute, per direction.

Circlelock

Our Circlelock is a high security portal, for use in restricted access areas. Interlocking door leaves and sophisticated sensors provide a compact, secure entrance for up to 6 authorised people per minute.

What is StereoVision?

StereoVision has been exclusively developed for our high security doors. StereoVision is a highly sophisticated security system that recognises shapes, size and volume in three dimensions. Analysis of this data allows the system to determine the number of people attempting to enter on one authorisation, prompting the door to deny passage when a violation is detected.

Your **Security.** Our **Solution.**

BOON EDAM

Security solution

StereoVision, the new generation of high security technology, is now available as a standard option for one or two-way piggybacking detection in our Tourlock and Circlelock doors. StereoVision can also be installed into an existing 4-wing Tourlock as a security upgrade or combined with a biometric device inside a Circlelock for authorised user identity authentication.

Features of doors equipped with StereoVision

- The unique StereoVision technology allows only one authorised individual at a time to pass through a Tourlock or Circlelock security door.
- Groundbreaking camera and sensor technology monitors the interior of the door in three dimensions, making it capable of distinguishing one or two people from objects.
- The highest level of tailgating and piggybacking detection.

- The only highly effective system to replace traditional weight systems or contact mats.
- Allows the Tourlock to be mounted directly on the finished floor.
- Highly accurate physical access control that does not slow down the door operation.
- Compatible with any access control system.

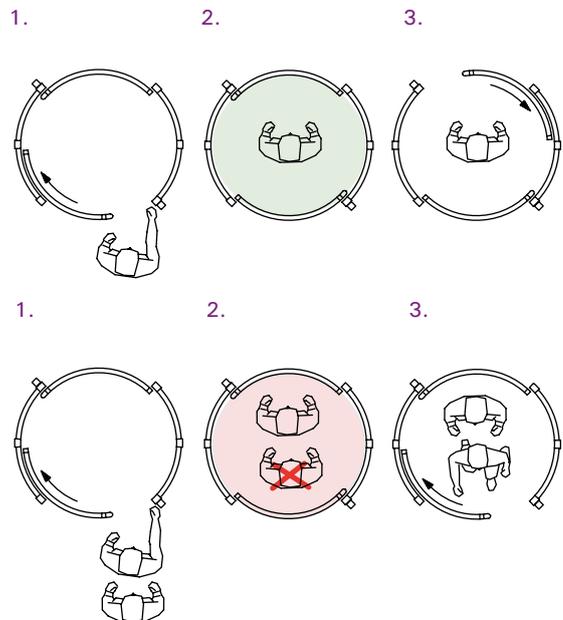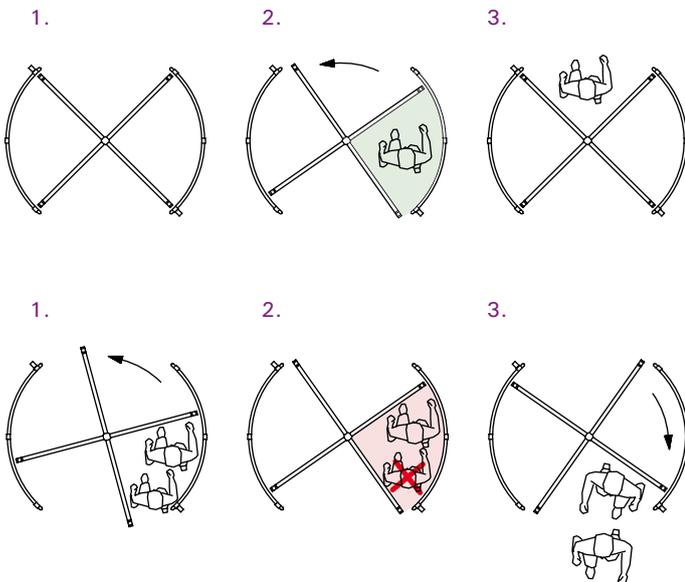## *'Reliably and accurately detect piggybacking at your entrance'*

Tourlock with StereoVision working principle

1. After authorisation from the access control system, such as a card reader or biometric device, the user steps into the door and the Tourlock begins a 180° rotation.
2. As the user passes through the first 90° of rotation, the StereoVision system checks if only one person is present.
3. If the user is verified to be alone, the door will continue its full 180° rotation cycle and the user will gain access into the secured area. If an unauthorised user is detected in the same segment as the authorised user (piggybacking), an alarm signal will be generated and the door will stop and rotate back, either automatically or by pressing a push button.

This operation is available for incoming, outgoing and simultaneous bi-directional traffic due to independent control in each direction.

Circlelock with StereoVision working principle

1. After authorisation from the access control system, such as a card reader or biometric device, the first door opens and the user steps into the portal.
2. The first door closes and the StereoVision system checks if only one person is present.
3. If the user is verified to be alone, the second door will open and the user will gain access into the secured area. If an unauthorised user is detected in the portal together with the authorised user (piggybacking), an alarm signal will be generated and the first door will reopen, allowing access back to the non-secured area.

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Security Access