



# TANDEM KIT Photocell+Photocell for OverGate 4.0

KIT\_TANDEM\_FC+FC\_EN\_R02



## Description

The TANDEM KIT Photocell+Photocell is an accessory intended for the opening command and for the control of the door OverGate 4.0.

If the dimensions of the point of sale are suitable, the TANDEM KIT Photocell+Photocell can monitor discretely and efficiently the access of your customers to the point of sale. In fact, the double barrier can make any inappropriate exit attempts difficult and evident.

This kit, in combination with alarm systems such as "BYAS" or with counter systems (optional) allows you to monitor completely the access to your point of sale.

CHROME STEEL

POLISHED

Specify the RAL colour

## Operating areas

■ Hypermarkets ■ Supermarkets ■ Museums ■ Sports Facilities ■ Swimming pools ■ Gyms



## technical specifications

The installation of the door needs the connection to the power supply network

Dimensions in mm

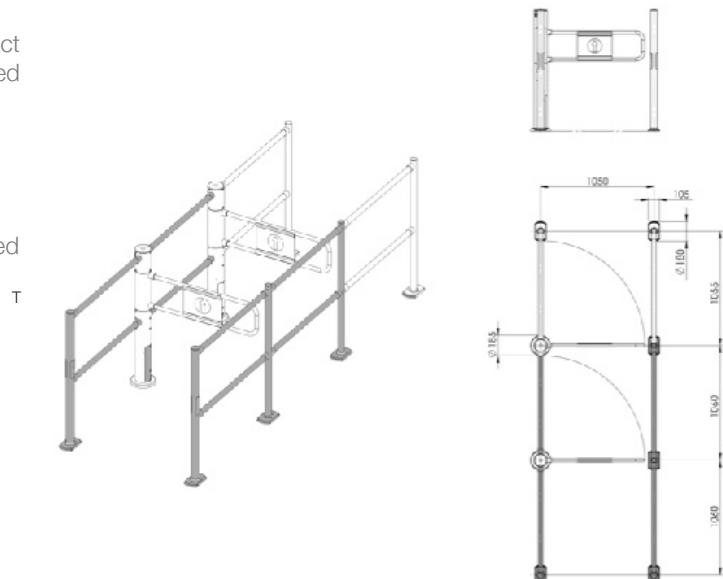
### Dimensions

The figures at the side show the total dimensions of the product OverGate 4.0 with the TANDEM KIT Photocell+Photocell installed in the three configurations available:

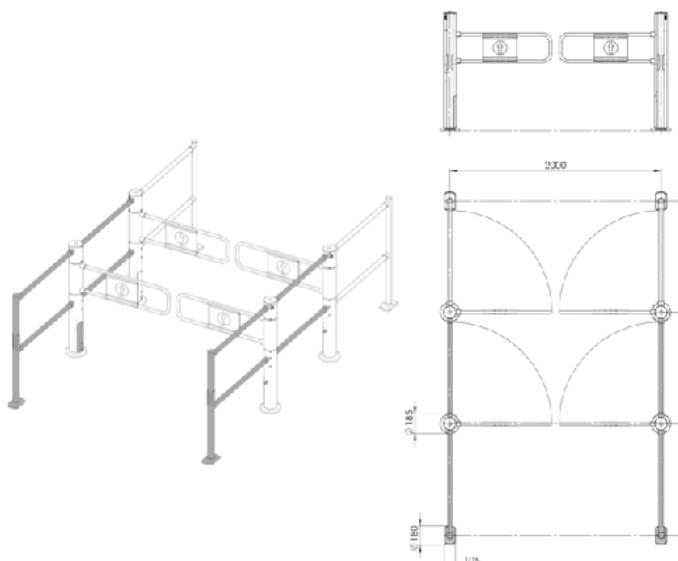
- single
- double
- lateral

The parts of the TANDEM KIT Photocell+Photocell are highlighted in grey.

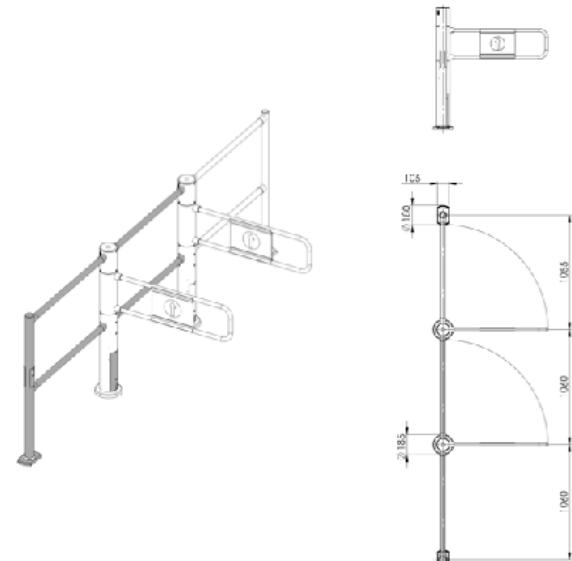
### Dimensions - single configuration



### Dimensions - double configuration



### Dimensions - lateral configuration



# technical specifications

## TANDEM KIT Photocell+Photocell



### Features

Photocell Type	source of visible red LED light
Power supply	10-30 V DC
Type of exit	PNP
Exit response time	0.6 ms
Survey distance	6,500 mm (max)
Operating temperature	-10 ÷ +50 °C @ 20 ÷ 90% RH (no cond.)
IP protection rate	IP 31
Regulations	in comply with CE marking

### Optional Kit

Kit BYAS

Back lane passageway kit

Passage counter kit

### Materials

Radar head	<ul style="list-style-type: none"> <li>mirror-polished chrome plated steel</li> <li>powder-coated plated steel (specify the RAL code when ordering)</li> </ul>
Internal supports	<ul style="list-style-type: none"> <li>galvanised steel</li> </ul>

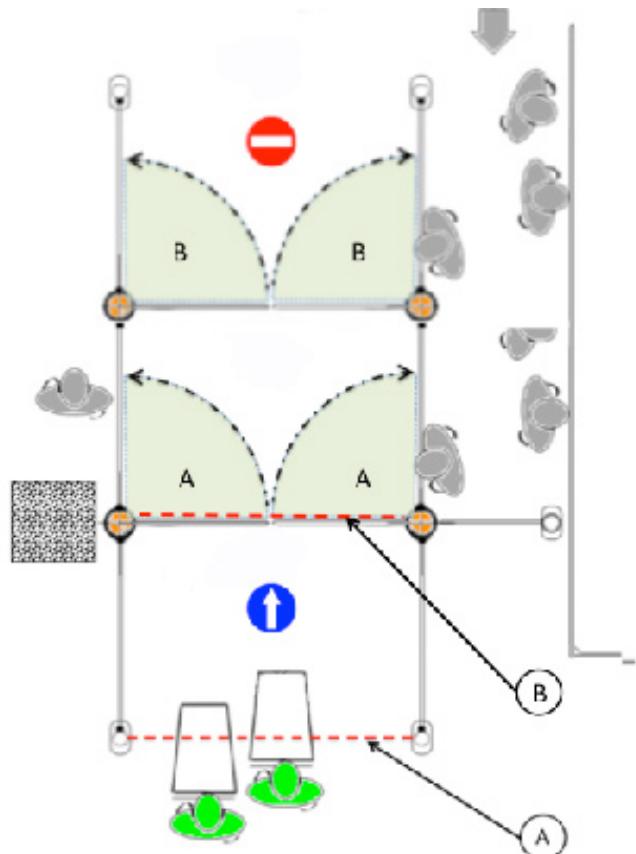
### Functioning

The figure at the right side shows the functioning mode of the OverGate 4.0 passageway with the TANDEM KIT Photocell+Photocell installed.

The beam cell of the photocell "A" monitors the entrance direction, indicated with an arrow. When this beam cell is interrupted the first line "A" of OverGate 4.0 receives an opening command.

Then, when the beam cell of the photocell "B", housed in the motor column of the first line "A" of OverGate 4.0, is interrupted, the second line "B" of OverGate 4.0 received an opening command.

The distance of the photocell beam from the first line "A" and from the second line "B" of OverGate 4.0 has been studied to allow, in standard conditions, a correct opening of the passageway to prevent any shopping cart to hit the shutter.



### important notice

In case there are any horizontal ducts for the passage of the cables positioned below the door bases and of the typical components of a device controlling the access must be placed at least at a depth of 150 mm.

Any metal pipelines, which might be present under the cable ducts, must be aligned with the door end.

Customers are responsible to ensure the management and the maintenance of all the products with ECo marking, in accordance with the layout structure, the connections and the features determined during the installation.

The dimensions indicated in this datasheet are explanatory. In order to set up the installation correctly, we kindly advise you to get in touch with our customer service at: [service@e-co.us](mailto:service@e-co.us)



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