



ENGLISH

Warning

- carefully read the instruction manual before installation and any intervention specified by the manufacturer.
- Installation, programming and maintenance must be carried out by qualified personnel in compliance with current legislations.
- In the event of intervention on the electronic circuit board, wear anti-static clothing and appropriate footwear.
- The product must be used for the purpose for which it has been designed other uses are considered dangerous.
- The manufacturer will not be held responsible for damage of or incorrect use.
- Check all warnings specified in the installation manual and product use.
- In order to avoid accidental contact with any live parts, place the cover on the product after connection.
- During installation do not allow people, including children to approach the automation and the manoeuvre area.
- Do not use this product in the event of bad weather conditions.
- The manufacturer CAME SPA, declares that the product described in this manual complies with 2014/53/EU Directive.
- The complete text of the EU conformity declaration is available on: www.came.com.

DISMANTLE AND WASTE DISPOSAL – Packaging components (carton, plastic etc.) can be disposed of as solid urban waste. The product components (metal, electronic circuit board, batteries etc.) must be waste separated. Waste collection methods must be checked with existing rules present in the area of installation.

DO NOT RELEASE INTO THE ENVIRONMENT
Manual contents may be modified at any time without having to respect any notice period.
Dimensions, unless specified, are in mm
The pictures in the manual are purely illustrative.

Description

Built-in photo-beams with wireless TX and wired Rx, infrared and synchronized ray, adjustable.

Any installation and improper use from that described in the manual, are prohibited.

Components A

- Cover Base
- Rotating support
- Electronic Circuit board
- Attachment for rotating support
- Attachment screws for rotating support
- x Cover
- Attachment screws for cover
- 806TF-0050 (optional)
- Aluminium anti-vandal cover (52x39x14)
- Anti-vandal cover attachment screws

Part description B

- a JP range of the Tx (20 m default)
- b DIP TX
- c Operation LED.
- d Connection with 8k2 kΩ safety edge.
- e CR123A lithium battery.
- f LED quality of alignment: 1 flash not sufficient, 2 sufficient, 3 good, 4 excellent.
- g LED output activated.
- h JOUT: set up of the output (NC).
- i DIP RX (DIP2 always in OFF position)

Technical data

| Type | RX | TX |
|------------------------------------|-------------|-----------|
| Infrared range Max (m) | 10 | 10 |
| Wave length (nm) | 940 | 940 |
| Power Supply (V) | 12-24 AC-DC | 3 V DC |
| no. 1 CR123A lithium battery (mAh) | - | 1700 |
| * Battery life: (months) | - | 12 - 24 |
| Consumption of the 24V relay (mA) | 500 | - |
| Consumption RX at 24Vac (mA) | <40 | - |
| Consumption max TX (µA) | - | 110 |
| Isolation class | III | III |
| Dimensions (mm) | 46x37x108 | 46x37x108 |
| Material | PC | PC |

* The battery life is around 24 months if the range of the infrared ray is 5 meters and 12 months if the infrared ray is 10 meters.

The battery is protected in case of reverse polarity.

Installation

- Pierce the casing in order ① to run through the cables.
- Determine the direction of the electronic circuit board ③ possibly 180° on the vertical axis, and 10° on the horizontal axis.
- Attach with the screws ⑤ the rotating block support ② and the electronic circuit board ③.
- Fix the cover ⑥ with the supplied screw ⑦.

Connection

Set each pair of photocells with their own DIP1 address.

- C Connection of one photocell.
- D Connection of two photocells.
- E Connection of the safety edge on the TX.
- F Connection of two safety edges.

△ For the output contacts OUT check the connections and the manual function of the Came control panel.

- i Connection of the RX to the Test of the CAME control panel.
- m Connection of the 8,2 kΩ safety edge, put DIP 2 of the TX on ON.