Traffic Lights / Activation
ACIL12 / ACIL13 / ACIL14

ACTEC
INTERLOCKING & DOOR AUTOMATION SOLUTIONS

Offering a wide variety of uses, our touchless sensors and traffic lights give flexible solutions for class-leading cleanliness.

▲ Maximum Reliability

As each and every unit is tested prior to leaving the factory, you can rest assured that you are receiving the best possible unit which will continue to operate without issue for the maximum amount of time possible.

▲ Ease of Installation

With 3 options available to order, depending on the exact requirements, each unit can be installed and terminated as speedily as possible (thanks to the built in RJ45 socket). The installer or service technician simply needs to plug in the unit and it's working straight away. And with the specifically designed microprocessor based touchless "eye", your doors can be unlocked and opened with no risk of cross contamination.

The special software on the sensor allows it to dynamically calibrate to the external environment, thereby adjusting the sensitivity of the sensor to any changes in the surrounding environment. This makes sure that the activation signals from the sensor are safe and reliable.

▲ Main Features

Available in 3 models:

ACIL12 comes with red and green traffic lights as well as touchless sensor and is used on interlocked doors to avoid contamination.

ACIL13 comes with just the red and green traffic lights and no touchless sensor. This would typically be installed in a normally open interlock configuration, or adjacent to a swipe card reader on a normally locked interlocked door.

ACIL14 comes with the touchless sensor only and no red or green indicators. This could be installed on a locked door that is not interlocked.

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Technical Specifications:

Power:	12Vdc to 24Vdc
Max Current Consumption:	50mA @ 24Vdc
Mechanical Characteristics:	Anodized Aluminium front cover with 1mm self-adhesive label
IP Protection:	IP65 (from front)
Dimensions:	79mm x 139mm x 33.8mm deep
Output:	Relay—Com / N.Open
Max switching current:	2A
Nominal switching voltage:	30Vdc
Detection Distance:	10—50mm, self adjusted sensitivity
Buzzer:	80dB in open air
Connections:	Double RJ45 and screw

▲ Accessories

ACIL12— Red / Green traffic lights, touchless sensor

ACIL13— Red / Green traffic lights only

ACIL14— Touchless sensor only

ACIL20— Floor mounted Stainless Steel Bollard (as shown above), 1m from floor level to top of bollard