

# IR Exit Device

## Product Overview

The Elmdene IR exit device is a proximity (touch free) request to exit device, designed for use in access control systems. Offered in a standard UK single gang plate size it is made from durable stainless steel with an IP65 rated Infra-Red switch component.

The smart stainless steel plate with the LED illumination provides a modern and aesthetically pleasing solution to a building's door entry/exit system

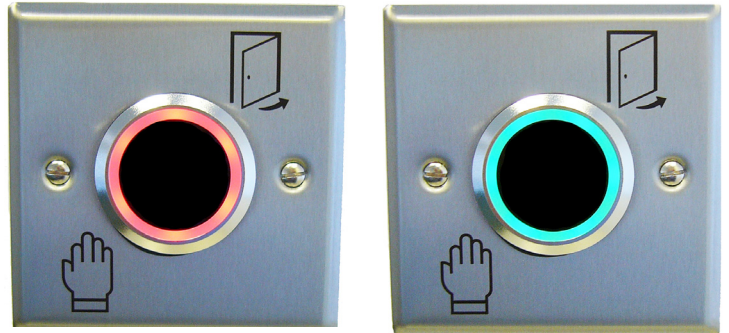
The standard colour indication for the IR exit devices is red for standby and green for activated. However, it is possible for this to be reversed by use of a jumper allowing green to be used for standby and red for activated. This gives flexibility to the installer should a particular colour coding be required.

## Applications

The exit devices are designed for use in applications where it is necessary to open a door without physically touching a button. This helps limit the transference of dirt, disease or infection making the devices particularly suited for use in hospitals, laboratories, engineering facilities, food preparation and serving areas and other clean environments where infection limitation and the minimisation of dirt transference is a priority. They are also ideal for buildings used by disabled or elderly people.

## Features

- Device uses standard UK switch box size
- Aesthetically pleasing
- Made from durable stainless steel
- Reversible indication colours
- Adjustable latch time from 0.5 to 20 seconds
- Adjustable trigger distance from 3 to 12cms
- Built-in microcontroller with power on self-testing function
- Designed to prevent any interference with other infra-red devices
- Low profile (15mm)



Standby

Activated

*AMS-EBIR3-RG with default indication colours*

- Long life:
  - infra-red sensor: 100,000 hours
  - relay mechanical lifespan: 1,000,000 operations
- IR switch component is IP65 rated
- 1 year warranty

## Approvals

CE Marked

## Part Number

AMS-EBIR3-RG

## Accessories

Two options of surface mounting box available:

*AMS-EBIR-BOX*

Plastic: 28mm Chrome effect

*AMS-EBIR-BOX-SS*

Metal: 32mm Brushed Steel box

## Technical Information

Supply voltage	12V dc – 20V dc
Output loading	1A at 30V dc (max)
Maximum current	Approx 25mA at 12V dc
Contacts available	NO and NC
Operating temperature	-10°C to +70°C

## Product Dimensions and Weight

The plate measures 86 x 86mm and has an installation depth of 15mm

Weight approximately 100g

