



# INFRESCO VR 12V PIR

# INFRESCO VR-PIR

## INTRODUCTION

This 12V single head PIR has been selected to work with the Infresco IR. The PIR will monitor the selected area ensure the heaters only switch on when it is occupied.



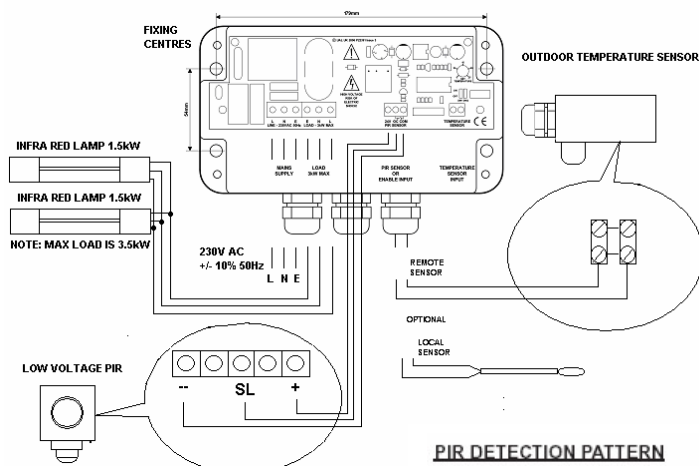
## INSTALLATION

**IMPORTANT :** This equipment must be installed by a competent electrician. All wiring must comply with the IEE regulations plus any local building codes.

For larger installations we recommend that you sketch a plan view of the property. This will help you choose the best position for the PIR sensors. Please bear in mind the following points when choosing a suitable position.

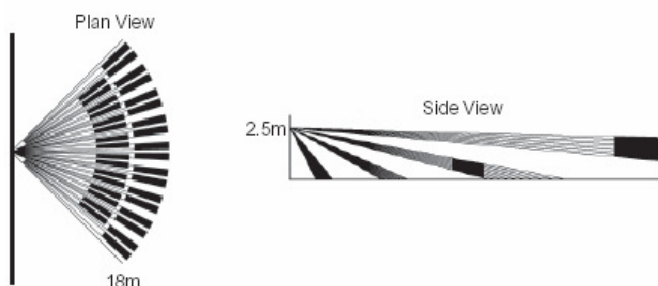
- PIR sensors work best when a persons movement is across the face of the sensor, and not towards the sensor. This is because the person would cross more detection beams (see coverage pattern). This often means that the best place for the sensor is on the corner, looking down the side of the building.
- The sensor should be mounted at a height of between 2.5 to 3 metres on a rigid, vibration free vertical surface.
- Do not locate the sensor near heater flues, air conditioning equipment, etc which will emit warm moving air and will probably cause a false activation.
- Do not locate the sensor close to trees, plants or other shrubbery, as they will emit infra-red energy and will probably cause a false activation.

## INSTALLATION



RoHS Compliant  
Directive  
2002/95/EC

### PIR DETECTION PATTERN



For Additional installation information see X10702

## CE MARKING

This family carries a "CE" marking. For more information see recommendations section and contact our sales desk. (See Declaration of Conformity)



## UNITED AUTOMATION LIMITED

1 Southport Business Park  
Kew  
Southport, PR8 4HQ  
ENGLAND

Page No. 1 of 1 Issue 3

Tel: 0044 (0) 1704 – 516500 Main  
Tel: 0044 (0) 1704 – 516516 Sales  
Fax: 0044 (0) 1704 – 516501  
Enquiry@united-automation.com  
www.united-automation.com  
Date 05/11/99

