SWS HARDWARE

Tel: 01626 333900
Email: info@swshardware.com



24v PIR Motion Sensor - 20.5mm ø - 2m Cable

Variant code: LSS2408PIR

The **24V PIR Motion Sensor** is a compact infra-red pyrolytic movement sensor designed to provide intelligent, automatic control of compatible LED lighting systems. Featuring a **20.5mm recessed mounting diameter** and supplied with a **2000mm connection cable**, the sensor integrates discreetly into furniture while delivering reliable motion-activated lighting control.

When connected to a compatible control unit using the standard configuration, the sensor activates lighting with a smooth **Soft-On** fade and switches it off using a **Soft-Off** fade, creating a refined user experience. The sensor automatically turns the lighting off approximately **180 seconds** after no movement is detected within its sensing area, even if the cabinet door remains open. Lighting is activated when any connected door is opened, while switch-off occurs only after all doors have been closed.

Ideal for wardrobes, kitchen cabinets, display units and bespoke furniture, the PIR Motion Sensor provides convenient, energy-efficient lighting automation for residential and commercial interiors.

Product Features

- Infra-red pyrolytic PIR motion sensor
- Designed for 24V LED lighting systems
- Recessed mounting installation
- 20.5mm mounting diameter
- Supplied with 2000mm connection cable
- Soft-On and Soft-Off lighting operation
- Automatic shut-off after approximately 180 seconds without movement
- Compatible with suitable LED lighting control modules
- Activates lighting when connected cabinet doors are opened
- Compact design for discreet furniture integration

Product Benefits

- **Automatically activates lighting when movement is detected for hands-free convenience**

Tel: 01626 333900
Email: info@swshardware.com

- **Soft-On and Soft-Off fading creates a smooth, premium lighting experience**
- **Automatic shut-off after inactivity helps reduce unnecessary energy consumption**
- Recessed installation provides a discreet, professional appearance
- Long 2m cable offers flexible installation within furniture
- Suitable for intelligent cabinet and wardrobe lighting systems
- Improves convenience and accessibility in low-light environments
- Ideal for residential and commercial furniture applications

Technical Characteristics

- Product Type: PIR Motion Sensor
- Sensor Type: Infra-red Pyrolytic Motion Sensor
- System Voltage: 24V DC
- Installation: Recessed
- Mounting Diameter: 20.5mm
- Cable Length: 2000mm
- Lighting Operation: Soft-On / Soft-Off Fade
- Automatic Switch-Off: Approximately 180 Seconds After No Motion Detected
- Compatibility: Compatible LED Control Units
- Application: Motion-Controlled LED Furniture Lighting

Applications

The **24V PIR Motion Sensor** is ideal for **wardrobes, dressing rooms, kitchen cabinets, display cabinets, shelving, office furniture, retail displays, hotel furniture and bespoke joinery**. Designed for recessed installation within compatible **24V LED lighting systems**, it provides intelligent hands-free lighting control with automatic activation and energy-saving shut-off for premium residential and commercial furniture applications.

Property	Value
Voltage	12-24VDC
Diameter (mm)	20.5
Mounting Type	Recessed or Surface Mounted (with optional spacer)

SWS HARDWARE

Tel: 01626 333900
Email: info@swshardware.com

Property	Value
Sensor Detection Angle(°)	70
Input Connection Type	2000mm Micro24 Male
Output Connection Type	2000mm Micro24 Female
Maximum Detection Distance	Up to 2200mm
Sensor Type	Passive Infrared (PIR) Motion Sensor