



Diginet Smart Scan MKII



Specifications

Part Number: DGSMARTSCAN1HD

Detection Range [See install guide for more detailed information range information]	Major - Motion [at 2.7m mounting height]	7m
	Minor - Motion [at 2.7m mounting height]	3.5m
Electrical	Input voltage [Relay module]	220 – 240Vac
	Input current [Relay module]	2mA [Relay OFF] 11mA [Relay ON]
	Frequency	50/60Hz
	Output rated current [control/power module]	16A per relay channel (10A Lighting Load Maximum)
	Output voltage [sensor head]	12Vdc nominal
	Output current [sensor head]	8mA nominal under normal detection with a single sensor
	Isolation	≥ 3.75kV ac [Mains/Sensor Head] / SELV
	Remote override	A maximum of 10 remote switches can be connected with up to 20m of cable on the same circuit
	Start-up time	45 seconds initialisation [5 minutes for full sensitivity]
Mechanic	Sensor head cable	Factory fitted – 0.45m Maximum custom – 1.0m
	Mains supply terminals [including override]	2 x 2.5mm ² or 1 x 4mm ²
	Conductor strip length	6-7mm
	Ingress protection	IP20
	Material	Flame retardant polycarbonate
	Weight	170g
	Ceiling cut-out	52mm diameter
	Mains supply terminals [including override]	Screwed – 2 x 1.5mm2 or 1 x 2.5mm2
Environmental	Ambient operating temperature	-10°C to +45°C
	Ambient storage temperature	-10°C to +60°C
	Humidity	10% - 95% RH, non-condensing
Compliance		
Package Inclusion		

DIGINET SMART SCAN MKII TECHNICAL GUIDE



RELIABLE OCCUPANCY SENSING USING HIGH DEFINITION PIR TECHNOLOGY

FOR COMMERCIAL &
RESIDENTIAL SOLUTIONS



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A Motion Sensor That Simply Works

Diginet Smart Scan MKII featuring HDIR™ Technology

Traditional occupancy sensors utilise 'Passive Infra Red' (PIR) technology to detect movement. Our Smart Scan product improves upon the core PIR technology with the introduction of 'High Definition Infra-Red' (HDIR™) patented technology:

- **Patented HDIR™ Sensor technology with over 800 detection zones**
- **Increased sensitivity to movement**
- **High sensitivity 360°, 7m detection array with 800+ detection zones**

Easy Install

- Terminals suitable for 2 x 2.5mm² or 1 x 4mm² cables, these large terminals are electrician friendly
- Quick and easy cable fit-off
- Knockouts for cable ties (if required)
- Loop terminal (if required)
- Screw-down terminal cover with built-in cable clamps

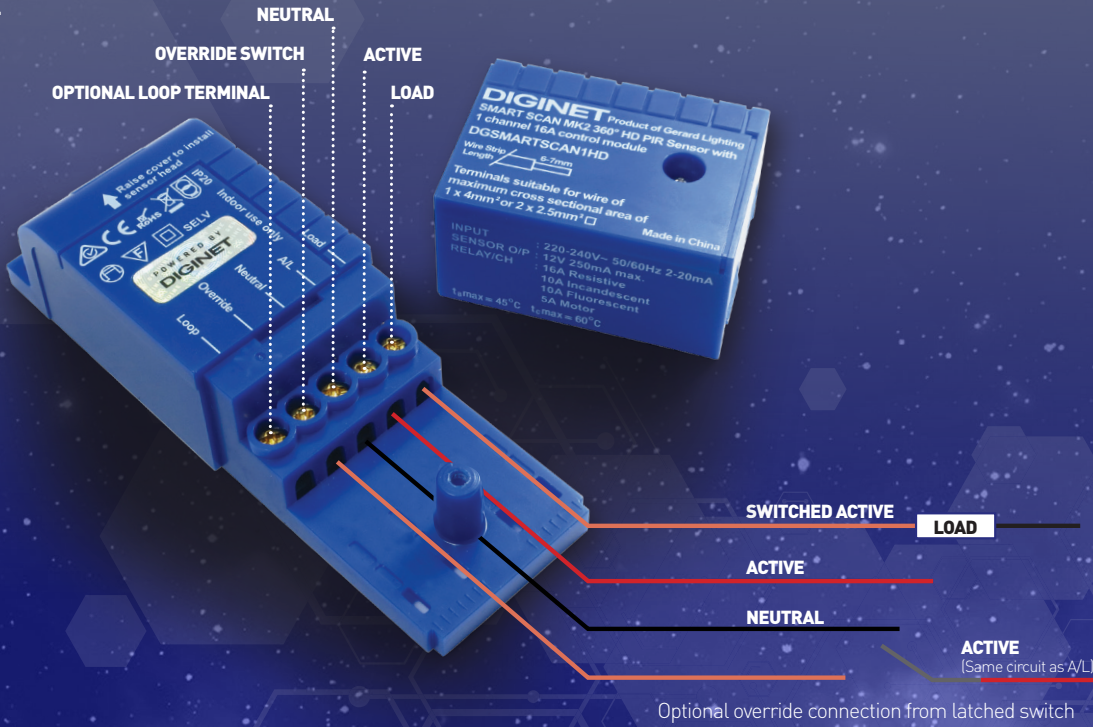


Electrician's Friend

Plug 'N Play
The sensor head is simply plugged into the control module.
Override switch optional

Simple Wiring
Simple mains wiring, including the ability to connect a single wire override switch

Supplied Relay
Module with high load rating @ 16A (10A for lighting load maximum)



PATENTED 'PUSH TO REVEAL' SENSOR CONTROLS FOR SIMPLE SETUP AND RELIABLE OPERATION

Almost invisible....
Small and sleek in size, unobtrusive 60mm diameter flush mount design

Supplied with all ceiling mount accessories

Integrated light level detector to inhibit switch-on if there is sufficient natural light (adjustable)



HDIR™ TECHNOLOGY SENSOR RANGE

TRADITIONAL PIR SENSOR RANGE

Over 800 detection zones with 8 element HDIR™ sensor technology

Traditional PIR Sensor Range