

KNX PIR movement and presence detectors



Hotel room energy-saving units



Lighting control in corridors (for hotels, offices and hospitals)



Offices, swimming baths and schools



Staircase light control



Building and house automation



KNX movement and presence detectors.

Internal installation.

- 5 outputs (datapoint) for load control (Lighting, HVAC etc.)
- Adjustment of ambient light threshold, and PIR sensitivity
- 1 output (datapoint) – master/slave detection
- Selectable function to inhibit ambient light threshold control
- Reporting of light level and movement status (for security purposes, etc.)
- Detection of movement direction (type 18.4K)
- Internal ceiling mounting
- Suitable for ETS 4 (or latest versions)

18.4K/18.5K
KNX terminal



For outline drawings see page 4

Supply specification

Type of BUS		KNX	KNX
Supply voltage	V DC	30	30
Rated consumption	mA	10	10

Technical data

Ambient light intervention threshold	lx	1...1500	1...1500
Light ON time after last detection		0.1 s...18 h	0.1 s...18 h
Sensing area		See diagram page 4	See diagram page 4
Ambient temperature range	°C	-5...+45	-5...+45
Protection category		IP 40	IP 40

Approvals (according to type)



NEW 18.4K.9.030.0001



NEW 18.5K.9.030.0001



- Applications: hotel and offices corridors, transit areas
- Sensing area 30 meters length and 4 meters width
- Two detection areas: right and left
- Dynamic light regulation
- Logic gates
- Up to 5 outputs

- Applications: offices, schools, zones of low activity
- Extensive sensing area up to 64 m²
- Dynamic light regulation
- Logic gates
- Up to 5 outputs

Ordering information

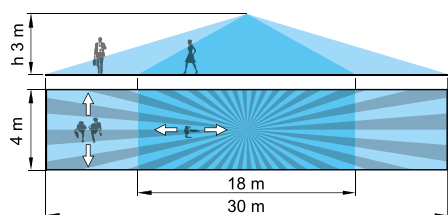
Example: 18 series, KNX PIR movement and presence detector.



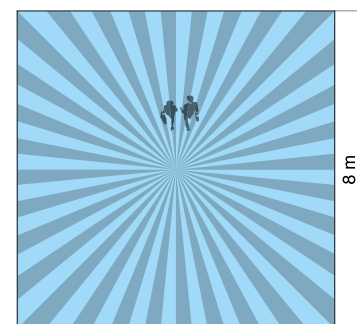
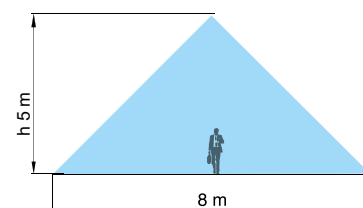
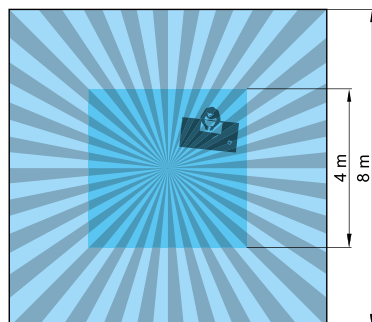
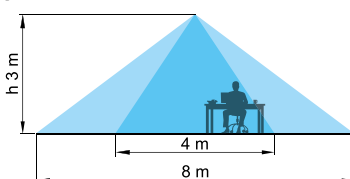
- Series** 1 8
- Type** 5 = PIR movement and presence detector
- Supply voltage** 030 = KNX Bus
- Supply version** 9 = DC
- Output** K = PIR movement and presence detector with KNX interface
- Special version** 01 = Dynamic light regulation

Sensing area

Type 18.4K



Type 18.5K



Outline drawings

Type	Suspended ceiling mounting	Recess mounting	Surface mounting
18.4K			
18.5K			