

# INTERRA

— Developer of Uniqueness —

[interratechnology.com](http://interratechnology.com)



 **Interra**  
KNX Sensor Series



# Interra KNX Sensors Series



## Presence & Motion Sensors

A unique combination of safety, efficiency, and comfort with the thinnest design in its class. With the new Interra KNX Sensor series, functions like energy and lighting management, heating, and air conditioning in indoor spaces can be integrated into building automation systems in an innovative and reliable way.

Interra KNX Presence & Motion Sensors are multi-functional devices suitable for indoor usage with multiple-range detection capability from 11m to 48m and 2 color options.



### Virtual Card Holder

Interra KNX Presence and Motion Sensors have integrated Virtual Card Holder function. It provides an outstanding guest experience in hotel applications and maximizes energy management.



### All in One

Interra KNX Presence & Motion Sensors has Presence, Brightness, Movement, Internal and External Temperature Detection features, 4 Independently Configurable Presence Channels for Constant Control Application.



### Thermostat Feature

Elevate temperature control to a whole new level with our sensors' latest enhancement the thermostat feature. Experience precise climate control and optimize energy consumption effortlessly.



## Interra KNX Motion Sensors

**Technology:** Passive Infrared  
**Installation:** Indoor  
**Mounting Height:** 4 m - 15 m  
**Current Consumption:** 5 mA  
**Brightness Detection:** 1-1200 lux  
**Inputs:** 2 Digital & 1 Analog Input  
**Max. Air Humidity:** % 90 RH  
**Pollution Degree:** 2  
**Flush Mount Protection Type:** IP 20  
**Surface Mount Protection Type:** IP 44

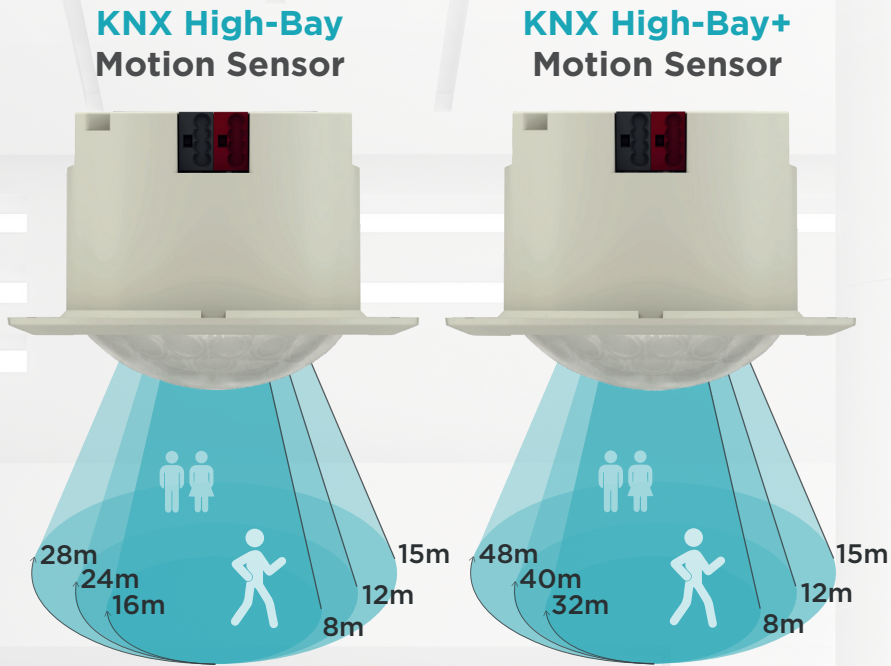
## Interra KNX Presence Sensors

**Technology:** Passive Infrared  
**Installation:** Indoor  
**Mounting Height:** 2.5 m - 4 m  
**Current Consumption:** 5 mA  
**Brightness Detection:** 1-1200 lux  
**Inputs:** 2 Digital & 1 Analog Input  
**Max. Air Humidity:** % 90 RH  
**Pollution Degree:** 2  
**Flush Mount Protection Type:** IP 20  
**Surface Mount Protection Type:** IP 44

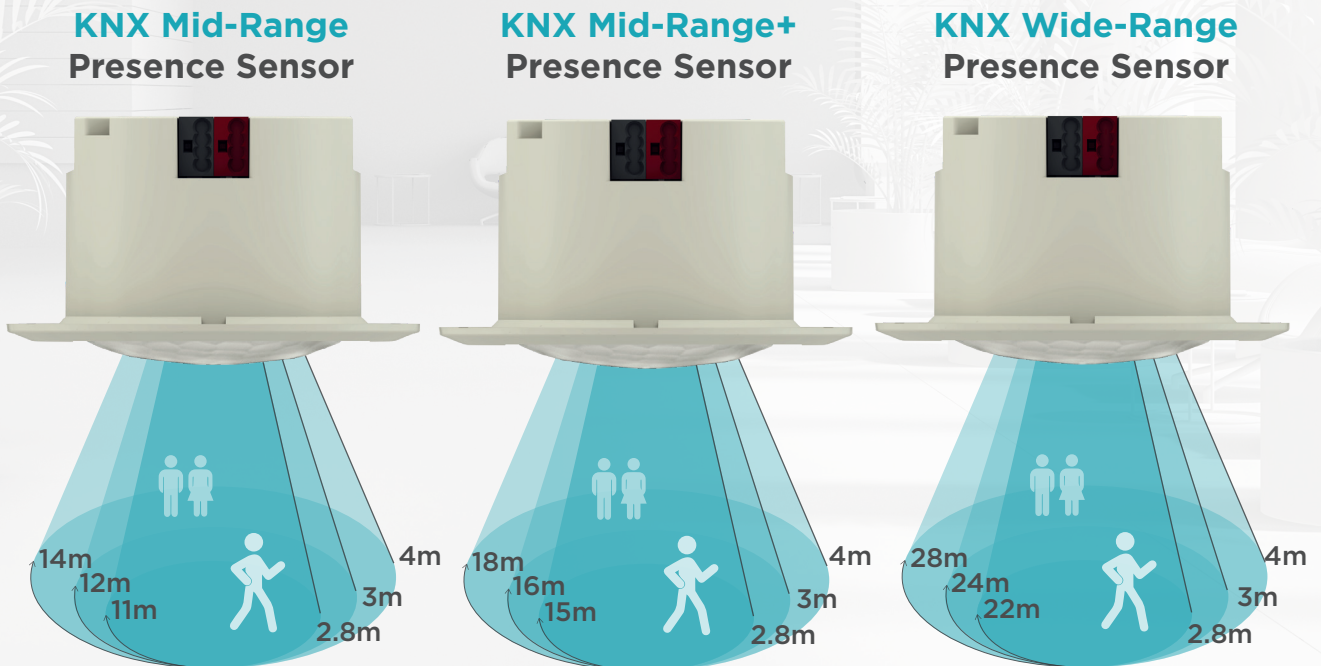


# Interra KNX Sensors Series

## Interra KNX Motion Sensor Detection Ranges



## Interra KNX Presence Sensor Detection Ranges



# Interra KNX Sensors Series

## Interra KNX Presence Sensor Series



### KNX Mid-Range Presence Sensor- White

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0001  | 70 × 41,8 mm       | Requires professional KNX installation. |



### KNX Mid-Range+ Presence Sensor - White

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0002  | 70 × 41,8 mm       | Requires professional KNX installation. |



### KNX Wide-Range Presence Sensor - White

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0003  | 70 × 41,8 mm       | Requires professional KNX installation. |



### KNX Mid-Range Presence Sensor - Black

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0101  | 70 × 41,8 mm       | Requires professional KNX installation. |



### KNX Mid-Range+ Presence Sensor - Black

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0102  | 70 × 41,8 mm       | Requires professional KNX installation. |



### KNX Wide-Range Presence Sensor - Black

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0103  | 70 × 41,8 mm       | Requires professional KNX installation. |



# Interra KNX Sensors Series

## Interra KNX Presence Sensor Series



### KNX Mid Range Presence Sensor w/ Thermostat - White

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0011  | 70 × 41,8 mm       | Requires professional KNX installation. |



### KNX Mid Range+ Presence Sensor w/ Thermostat - White

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0012  | 70 × 41,8 mm       | Requires professional KNX installation. |



### KNX Wide Range Presence Sensor w/ Thermostat - White

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0013  | 70 × 41,8 mm       | Requires professional KNX installation. |



### KNX Mid Range Presence Sensor w/ Thermostat - Black

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0111  | 70 × 41,8 mm       | Requires professional KNX installation. |



### KNX Mid Range+ Presence Sensor w/ Thermostat - Black

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0112  | 70 × 41,8 mm       | Requires professional KNX installation. |



### KNX Wide Range Presence Sensor w/ Thermostat - Black

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0113  | 70 × 41,8 mm       | Requires professional KNX installation. |

# Interra KNX Sensors Series

## Interra KNX Motion Sensor Series



### KNX High-Bay Motion Sensor - White

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0004  | 70 × 48 mm         | Requires professional KNX installation. |



### KNX High-Bay+ Motion Sensor - White

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0005  | 70 × 48 mm         | Requires professional KNX installation. |



### KNX High-Bay Motion Sensor - Black

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0104  | 70 × 48 mm         | Requires professional KNX installation. |



### KNX High-Bay+ Motion Sensor - Black

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0105  | 70 × 48 mm         | Requires professional KNX installation. |



### KNX High Bay Sensor - White w/ Thermostat

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0014  | 70 × 41,8 mm       | Requires professional KNX installation. |



### KNX High Bay+ Sensor - White w/ Thermostat

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0015  | 70 × 41,8 mm       | Requires professional KNX installation. |

# Interra KNX Sensors Series

## Interra KNX Motion Sensor Series



### KNX High Bay Sensor w/ Thermostat - Black

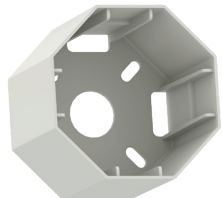
| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0114  | 70 × 41,8 mm       | Requires professional KNX installation. |



### KNX High Bay+ Sensor w/ Thermostat - Black

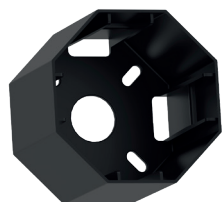
| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0115  | 70 × 41,8 mm       | Requires professional KNX installation. |

## Surface Mounted Cases for Presence & Motion Sensors



### Surface Mounted Case - White

| Product Code | Dimensions (Φ x H) | Notes  |
|--------------|--------------------|--|
| ITR415-9004  | 70 × 41,8 mm       | Suitable for both motion and presence sensors. |



### Surface Mounted Case - Black

| Product Code | Dimensions (Φ x H) | Notes  |
|--------------|--------------------|--|
| ITR415-9904  | 70 × 41,8 mm       | Suitable for both motion and presence sensors. |



# Interra KNX Sensors Series

## Interra KNX Outdoor Type Motion Sensor Series



### KNX Outdoor Movable Motion Sensor - White

| Product Code | Dimensions (W×H×D)    | Notes                              |
|--------------|-----------------------|------------------------------------|
| ITR410-0003  | Wall Mount: 150x84x90 | For ceiling mounting 166x111x90 mm |

## KNX Microwave Sensor Series



### KNX Indoor Microwave Sensor Ceiling Mount - White

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR411-0001  | 84.5 x 32 mm       | Requires professional KNX installation. |



### KNX Microwave Sensor - White

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0006  | 84.5 x 32 mm       | Requires professional KNX installation. |



### KNX Microwave Sensor - Black

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0106  | 84.5 x 32 mm       | Requires professional KNX installation. |

# Interra KNX Sensors Series

## Interra KNX Microwave Sensor Series



### KNX Microwave Sensor w/ Thermostat - White

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0006  | 84.5 x 32 mm       | Requires professional KNX installation. |



### KNX Microwave Sensor w/ Thermostat - Black

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR415-0106  | 84.5 x 32 mm       | Requires professional KNX installation. |

## Interra KNX Outdoor Type Microwave Sensor Series



### KNX Outdoor Microwave Sensor Wall Mount - White

| Product Code | Dimensions (W×H×D) | Notes                                   |
|--------------|--------------------|---|
| ITR411-0002  | 126 x 78 x 114 mm  | Requires professional KNX installation. |

## Interra KNX Water Flood Detector Series



### KNX Water Flood Detector

| Product Code | Dimensions (W×H×D)  | Notes                                   |
|--------------|---------------------|---|
| ITR401-0001  | 55 x 88.1 x 21.6 mm | Requires professional KNX installation. |

# Interra KNX Sensors Series

## Interra KNX Heat and Smoke Detector Series



### KNX Heat and Smoke Detector - White

| Product Code | Dimensions (Φ x H) | Notes   |
|--------------|--------------------|---|
| ITR403-1001  | 99 x 49 mm         | For ceiling mounting 166x111x90 mm<br>Requires professional KNX installation. |

## Interra KNX Air Quality Sensor Series



### KNX Air Quality Sensor - White

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR403-1010  | 90 x 30 mm         | Requires professional KNX installation. |



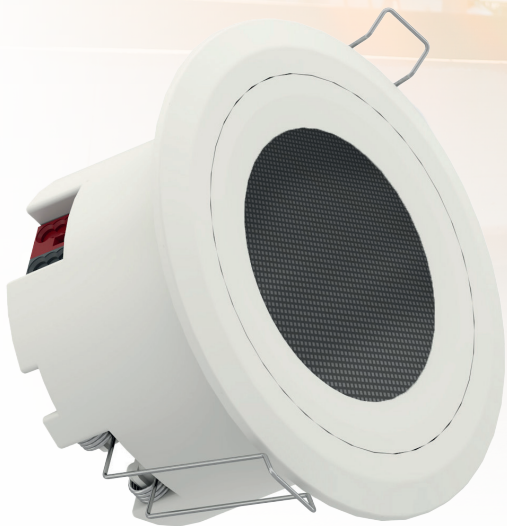
### KNX Air Quality Sensor - Black

| Product Code | Dimensions (Φ x H) | Notes                                   |
|--------------|--------------------|---|
| ITR404-1110  | 90 x 30 mm         | Requires professional KNX installation. |





A Clean  
Breathe,  
**Worth  
Everything.**



**↳ New Interra KNX  
Air Quality Sensor**

Coming Very Soon..

# Interra KNX Weather Station GPS



Let your  
**home**  
decide  
everything  
**for you!**

## Extra intelligence for your home

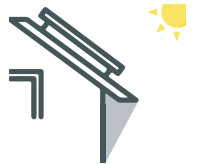
Interra Weather Station lets your smart home system know the external weather situations such as brightness and location of the sun, wind, rain, and temperature to determine the building management processes as your wish. According to all this information, your home can control itself by deciding the level of the blinds, jalousies, or lights. Even it may open the windows before running the HVAC system if the weather is too hot inside or it may close the awnings in strong winds or may close the skylights and fanlights when the rain starts.



It takes into account the compass direction of the sun and the shade of the trees.



The slats of the blind adjusted according to the height of the sun.



It takes into account the shadow cast by the roof overhang and knows the shadow edge.



### Interra KNX Weather Station GPS - White

| Product Code | Dimensions (W×H×D) | Notes                                   |
|--------------|--------------------|---|
| ITR402-0001  | 96 x 77 x 118 mm   | Requires professional KNX installation. |



# INTERRA

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Interra KNX  
Product Catalogue  
Scan for pdf version.

