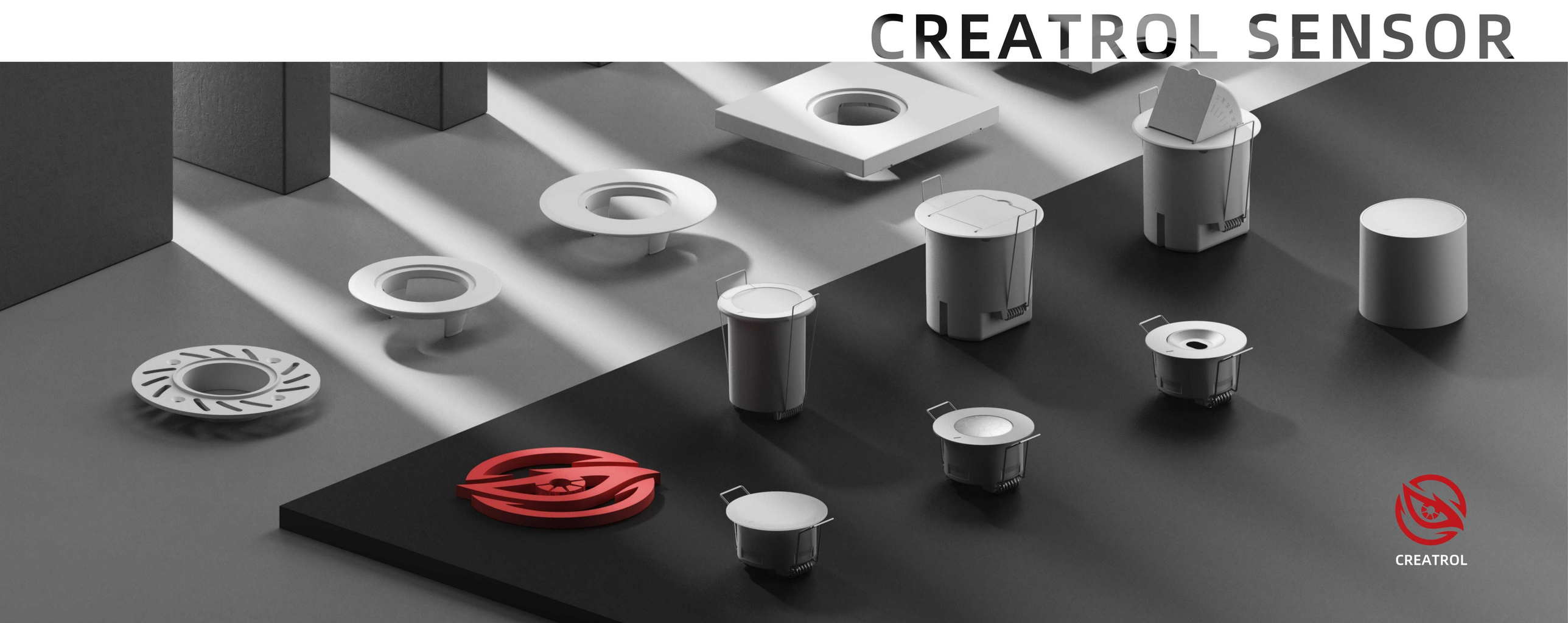
Creatrol Sensor Product Brochure

AI mmWave Radar Human-Centered Sensor

Presence/Motion/Fall/Posture/Count/Track



From Car to Building Automation

- Autonomous Driving Sensing Technology
- Creatrol's Own Algorithm Team
- One-Stop Procurement For All Scenarios

2024
Creatrol MINI Smart Scene
Human-Centered Sensor

2020
Human Presence
mmWave Radar Sensor

2018
Monitoring Sensor
Presence/Fall/Posture/Position
/Heartbeat/Breath/Count

Expert in
IoT Smart Control

2013

Originating From
Automotive Industrial Radar

60GHz mmWave Radar

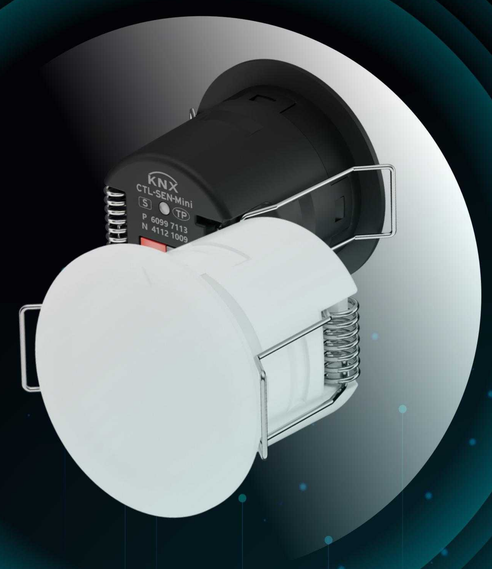
MIMO arraying enables four-dimensional detection of targets. Based on point cloud signals from human detection, combined with group target tracking and Creatrol artificial intelligence algorithms, it achieves precise detection of indoor personnel (including fall monitoring, presence detection, and human posture analysis).

At the same time, it possesses advantages of stability, accuracy, safety, and no invasion of personal privacy, meeting various needs for health monitoring while overcoming the limitations of traditional detection methods such as infrared and visual systems.

24GHz mmWave Radar

Detect dynamic situations by measuring the frequency difference between emitted and reflected signals.

For example, the Creatrol 24GHz mmWave radar presence and motion sensor uses 24GHz FMCW radar detection and algorithms to identify and determine the dynamics of a person's chest and abdomen during breathing, achieving accurate detection of human presence.



ToF (Time-of-Flight) Sensor

Mainly utilizes the time taken for a signal to travel back and forth between two asynchronous transceivers (or reflective surfaces) to measure the distance between nodes.

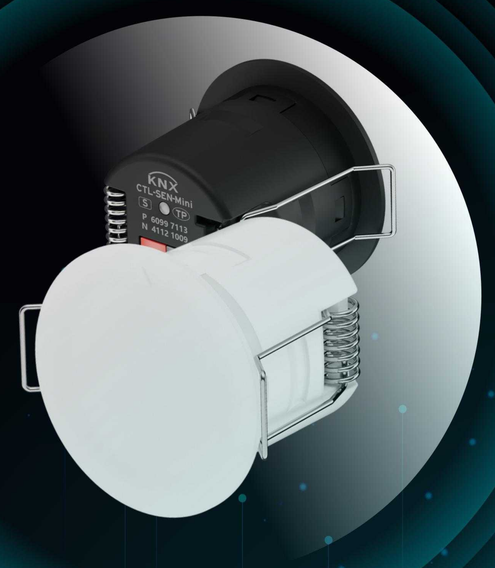
Traditional ultrasonic distance measurement has high requirements for reflective objects, and small objects, such as lines and conical objects, are basically undetectable. This issue can be completely overcome, and at the same time, ToF distance measurement has high accuracy, long measurement range, and fast response.

Time-of-Flight

High-Ceiling Radar

Utilizes high-ceiling radar chips to transmit and receive high-frequency radar signals. Through algorithm processing, it can sensitively detect human micro-movements and movement states even at heights of 2 to 12 meters.

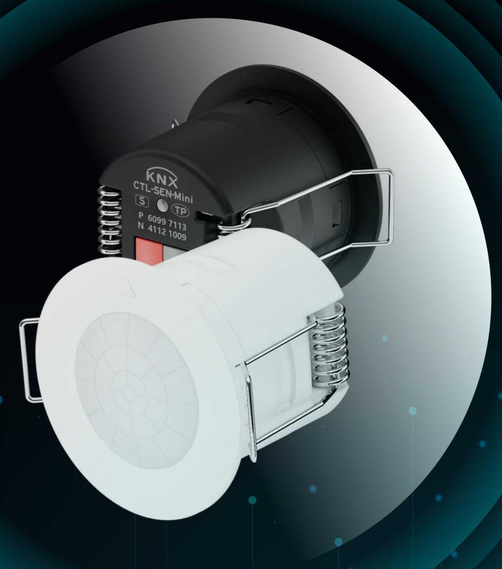
This includes, but is not limited to, small actions such as nodding, shaking the head, waving hands, raising hands, small body movements, using a smartphone, flipping through a book, as well as movement states like walking, brisk walking, jumping, spinning, and running.



PIR (Passive Infrared) Sensor

The PIR infrared sensor utilizes the infrared radiation emitted by the human body, which is approximately 10 μm. Its pyroelectric detection element receives this radiation, generating a weak electrical signal when a person enters the detection range.

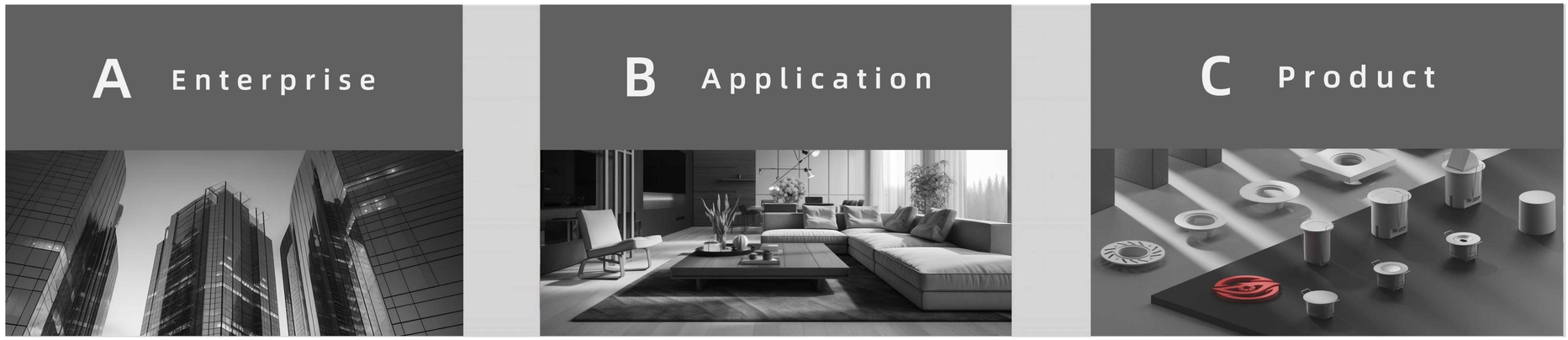
After processing, if the signal exceeds the threshold, it outputs a signal. The equipped Fresnel lens can focus the radiation, causing the intensity received by the detection element to change periodically, facilitating detection.



PIR Infrared Sensor

CREATROL SENSOR

CONTENT



Enterprise

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ENTERPRISE

Chapter

A

Creatrol

Company Advantages

1

True Radar

Creatrol Sensor, Gathering Industry Experts, Focusing on Research and Innovation in Millimeter-Wave Radar Sensing Technology. The team brings together senior technical experts in the fields of autonomous driving and intelligent control, integrating R&D, production, sales, and services. Integrating our expertise in chips, algorithms, hardware and software, and intelligent control systems, we empower smart devices with perception, cognition, and communication capabilities, creating truly forward-looking and applicable product solutions.

2

Intelligence Understanding

Creatrol Sensor, with 10 years of experience in smart home, smart office, smart hotel and other industries, understands the needs and pain points of the intelligent industry, independently develops solutions, continuously provides customers with competitive innovative solutions, and leverages the advantages of millimeter-wave radar detection technology.

3

Full-Scenario

Creatrol Sensor provides millimeter-wave radar, high-ceiling radar, infrared sensing, T o F distance sensing and other products with different performance and sensor solutions for targeted scene applications. Embedded, surface-mounted, panel-mounted, frameless pre-embedded and other installation methods, providing a truly comprehensive sensor solution for home and commercial applications.

Corporate Culture

THE ENTERPRISE CULTURE

- **Our Vision**
  To create a product that changes the world
- **Our Mission**
  Redefining Sensing, Accelerating the Arrival of True Intelligence Automation
- **Product Vision**
  Core Driven by Technological Innovation, Rooted in Product Value
- **Our Values**
  Pragmatic and Truth-Seeking, Innovative and Creative, Efficient and Excellent

CREATROL

Corporate Honors

CERTIFICATIONS

As of now, Creatrol has obtained nearly 100 patents, software copyrights, and other intellectual property rights. We continuously innovate and follow advanced concepts. Our production strictly complies with the ISO9001 standard, and our products have passed multiple certifications, including CE, FCC, RoHS, and RED. We have also won awards such as the 2023 Digital Intelligence Award for Innovation in Smart Sensing, the 2023 Top Intelligence Award for Best Smart Home Innovation Product, the 2024 Aladdin's Lamp Award for Best Product, and the 2024 Top Intelligence Lighting Cup Award for Outstanding Emerging Supply Chain.

Software Copyright Certificate

Utility Model Patent Certificate

System & Product Certification

High-Tech Enterprise Honor

Award Certificate

Creatrol

Business Scope

1

Proprietary Products

Focusing on the R&D of cutting-edge human-centered sensor products, with a diversified product line, Creatrol provides one-stop solutions for human-centered sensor in various industries. Our product portfolio is extensive, including 24GHz presence sensors, 60GHz monitoring sensors, ToF sensors, and four-element PIR sensors, suitable for various application scenarios.

2

Customized Development

From project design to product testing, our dedicated team of engineers is involved throughout the process to ensure that we provide our customers with the most tailored, innovative, and practical sensor solutions.

3

OEM&OEM

We offer high-quality OEM&ODM services with rigorous production processes. Every detail reflects our passion and meticulousness for our products, ensuring that every product we manufacture surpasses industry standards.

4

International Services

Our products and service shold ISO9001/CE/FCC/RoHS/RED and other international certifications,ensuring compliance with global standards.We offer quick response and seamless global market entry,delivering reliable and compliant solutions worldwide.

Precision Manufacturing
Quality First

SMT Workshop

Fully Automatic Solder Paste Printer

SPI Solder Paste Inspection Machine

High-Speed Chip Mounter

Lead-Free Reflow Soldering

AOI Vision Inspection

Selective Wave Soldering

Assembly and Testing

Packaging

Creatrol Sensor relies on a standardized quality management system, strict product quality inspection standards, advanced and comprehensive monitoring equipment and methods, and high-standard production workshops to create high-quality sensor products.

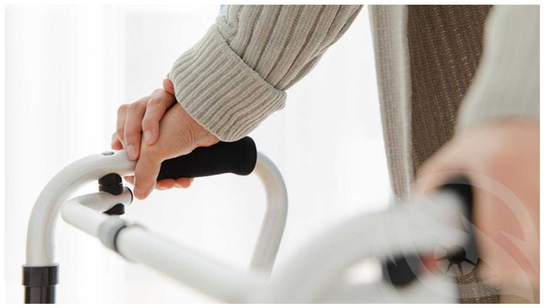
Cutting-edge Detection Technology

60GHz Monitoring Radar

Fall / Presence / Leave bed / Leaving home detection

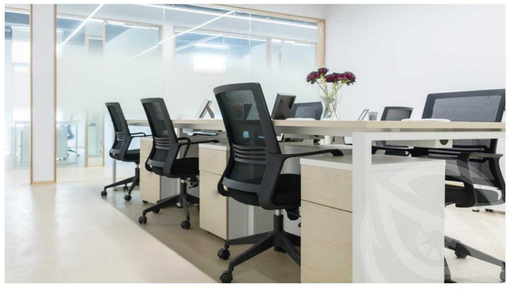
24GHz Presence Radar

Presence/ Minor motion / Motion detection



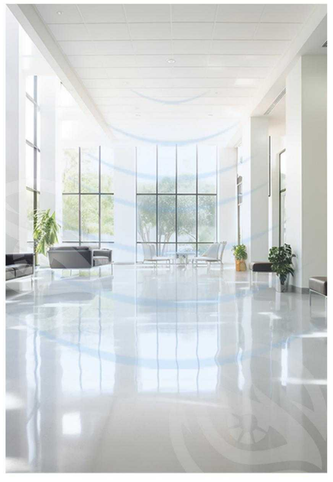
ToF Occupancy/Distance Sensor

Occupancy / Distance measurement



High-Ceiling Radar

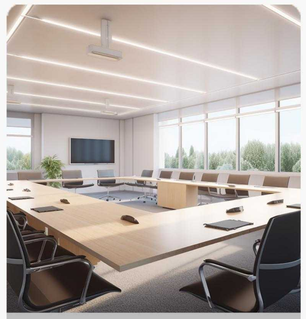
2-12 meters
High-ceiling minor motion detection



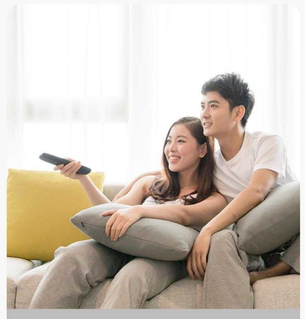
PIR

Quadruple passive infrared sensor
Human Motion Detection

Wide Range of Application Scenarios

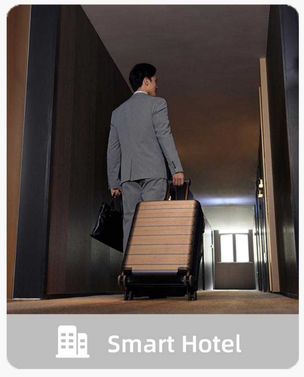


Smart Lighting



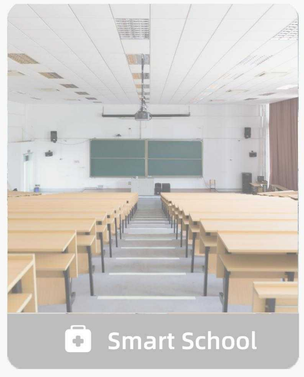
Smart Home

Smart Office



Smart Hotel

Smart Elderly Care



Smart School

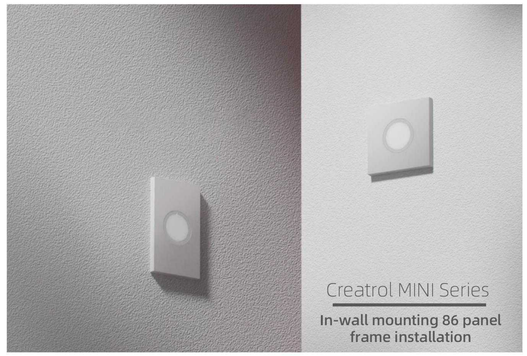
Full Scene Coverage

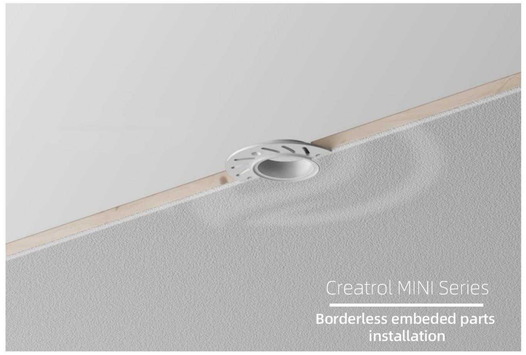
Home, office, elderly care, hotel, security, etc.

One-stop solution for all-scenario detection needs.

Rich Installation methods

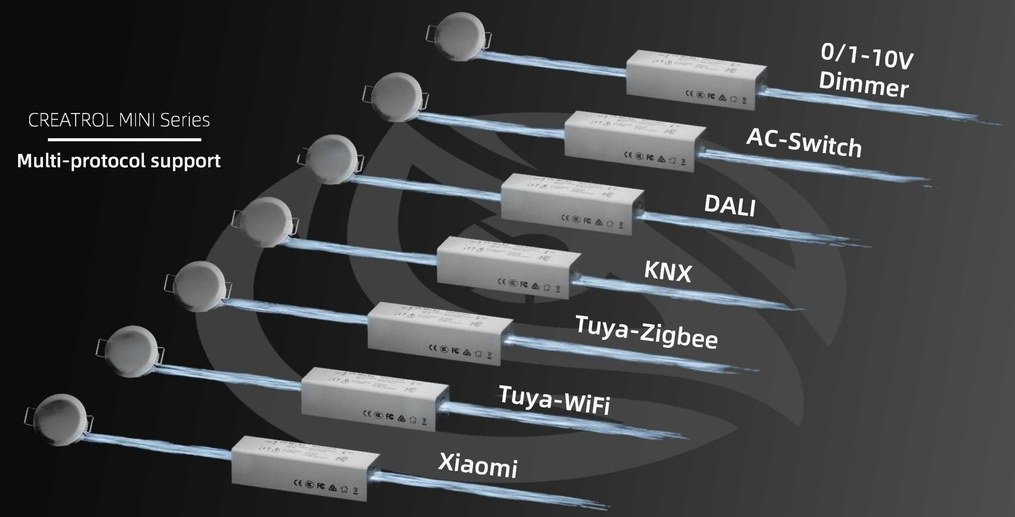
Various Installation Methods





Comprehensive system integration

Docking Mode



KNX/Dry contact/RS485 /DALI /PLC/AC/Tuya/Zigbee/WiFi/Bluetooth/0/1-10V/XIAOMI

PARTNER

500+
Trusted Brands'Choice

We uphold the business philosophy of "Customer Fist,Win-Win Cooperation" to better provide high-quality services to our clients

LONGFOR 龙湖
tuya
中化 sinochem
CDN西顿照明
万华生态 WANHUA ECOLOGICAL
deli得力办公
COUNTRY GARDEN 碧桂园

Habit@栖息地
Hi
FOTILE方太 因爱伟大
绿城建筑科技 GREENTOWN
THE RITZ-CARLTON
復旦大學
華潤
CATL宁德时代

Haier
中国移动 China Mobile
Midea
尚层装饰 VOGLASS+DC
düni
KERRY PROPERTIES 嘉里建設
vanke

CHAGEE
中国电信 CHINA TELECOM
CiTRON Creation & innovation
ANTA
MXCHIP®

PROJECT CASE

Beijing

Tsinghua Changgung Hospital Renovation Project

Smart Healthcare | Intelligent Lighting Control | Patient Care

Chengdu

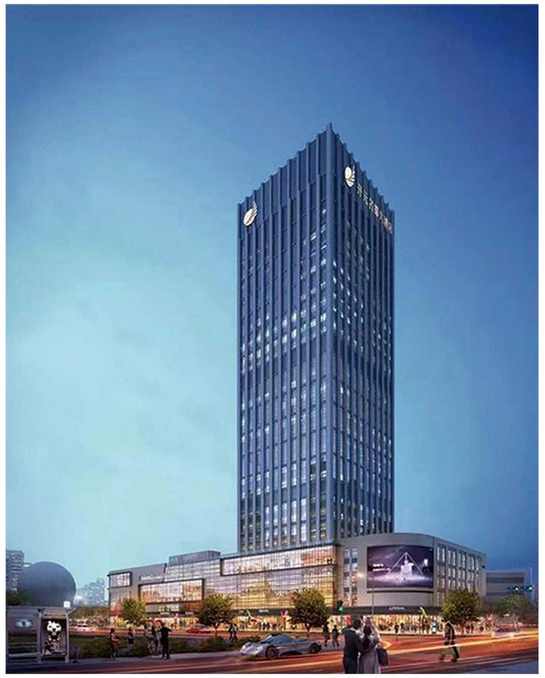
Wanhua Real Estate Project

Commercial Lighting | Intelligent Lighting Control | Cost Reduction & Energy Saving

Wenzhou

CRCC Kaiyuan Mingdu Hotel Project

Smart Hotel | Card-Free Power Access | Lighting Control



Guangzhou

Nansha Dagang Elderly Care Center

Smart Elderly Care
Fall Detection
Multi-functional Care

Nantong

Xianyifang Creative Industrial Park

Commercial Lighting
Intelligent Lighting Control
Cost Reduction & Energy Saving

Shanghai

Kesida & Auto Parts Factory

High-Altitude Lighting
Intelligent Lighting Control
Cost Reduction & Energy Saving

Guangzhou

Volkswagen Factory Project

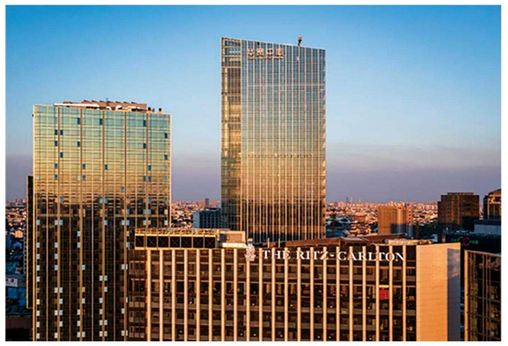
High-Altitude Lighting
Intelligent Lighting Control
Cost Reduction & Energy Saving

PROJECT CASE

Suzhou

Huamao The Ritz-Carlton Hotel Project

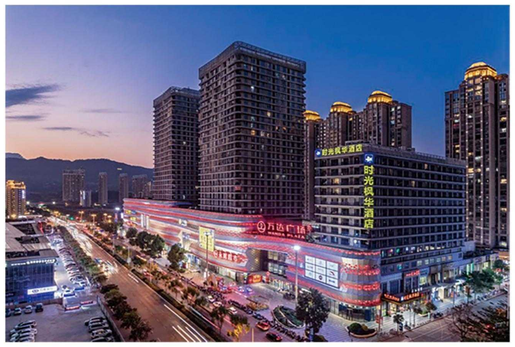
Smart Hotel | Card-Free Power | Access Lighting Control



Fujian

Shiguang Fenghua Hotel Project

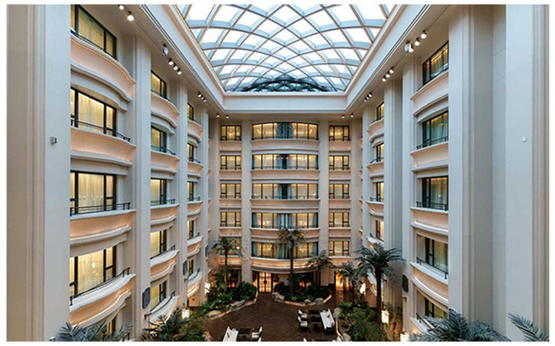
Smart Hotel | Card-Free Power Access | Lighting Control



Beijing

Guangzhoudasha Hotel Project

Smart Hotel | Card-Free Power Access | Lighting Control



Fuzhou

(FYUST)Hotel Project

Smart Hotel | Card-Free Power Access | Lighting Control

Qingdao

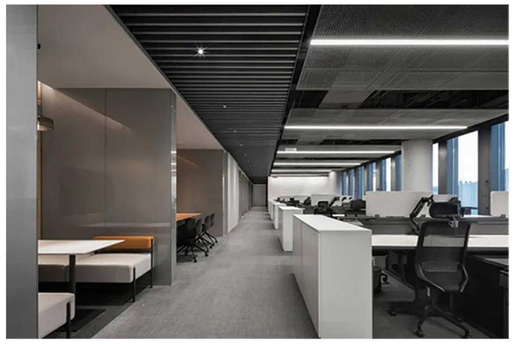
Hisense International Center Project

Smart Office | Conference System | Lighting Control

Beijing

China Resources North China Headquarters Project

Smart Office | Conference System | Lighting Control



Beijing

Sinochem Group Project

Smart Office | Conference System | Lighting Control

Beijing

China General Technology Group Project

Smart Office | Conference System | Lighting Control

APPLICATION

Chapter

B

Product Series Display

Detection Technology	Functional Application	Appearance Series	Docking Protocol
77GHz Vehicle-Mounted Industrial mmWave Radar	Short-range Radar / Long-Range Radar / Human Monitoring Radar Vehicle Assisted Driving / Drone / Level Gauge / Industrial Customization		Customized applications such as autonomous driving, liquid level gauges, drones, etc...
60GHz mmWave Radar	Fall / Leave Bed / Presence / Leave / Posture Smart Home / Smart Hotel / Rehabilitation Center / Nursing Home		RS485/ Dry Contact / KNX/Modbus/ Tuya Zigbee/ Tuya WiFi...
24GHz mmWave Radar	Presence/ Minor Motion / Motion Smart Home / Smart Office / Smart Hotel / Smart Security		RS485/ Dry Contact /KNX/ 0/1-10V /DALI/Modbus/Tuya Zigbee/Tuya WiFi...
ToF	Occupancy / Distance Smart Office / Smart Toilet / Shared Office / Self-Study Room		RS485/ Dry Contact /KNX/ 0/1-10V/DALI /Modbus/ Tuya Zigbee/ Tuya WiFi... .
HCS Radar	Minor Motion / Motion High Space / Hall / Factory / Airport / Duplex Residence		RS485/ Dry Contact /KNX/ 0/1-10V/DALI /Modbus/ Tuya Zigbee/ Tuya WiFi...
PIR	Motion Entrance / Passage / Corridor / Stairwell		RS485/ Dry Contact /KNX/ 0/1-10V/DALI /Modbus/ Tuya Zigbee/ Tuya WiFi...

Smart Lighting

24G Radar

Presence, minor-motion, motion detection

Shops, office areas, toilets, parking lots and other areas where people often stay static for a long time or have a small range of motion during use.

PIR

Motion detection

Corridors, doorways, etc., scenes where the state of human body motion triggers sensor.

PIR Curtain

20° narrow angle curtain type motion detection

Stairs, windows, etc. For use in scenes that detect movement in a narrow range, the infrared curtain will work in the form of a sensing surface.

Smart Lighting

※ Simple On/Off Control

The sensor is directly connected to the light, or the sensor status is programmed as a trigger condition to achieve sensorless light control.

Utilize 24GHz mmWave radar to detect even subtle motion, including minor motion in static positions, making it ideal for exhibition halls and offices.

※ Automatic Multistage Dimming

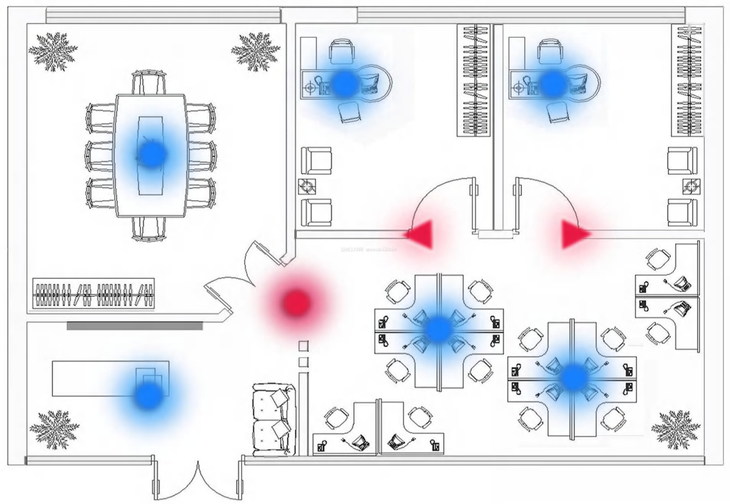
0/1-10V, DALI sensor compatible for versatile dimming control.

Light automatically dims when unoccupied and brightens upon detecting someone. Brightness adjusts based on occupancy duration, turning off after prolonged vacancy and resuming to a dimmed state upon return.

※ Constant Illumination Dimming

Automatically adjusts light intensity based on ambient light to maintain consistent indoor illumination.

Lights can be set to always-on, slowly brightening to a preset level when triggered by motion. If ambient light falls below a threshold, the system automatically adjusts brightness to compensate.



Smart Home

PIR

Motion detection

Corridors, doorways, etc., where the state of human body motion triggers sensor.

24G Radar

Presence, minor-motion, motion detection

Toilet,study room,dressing room and other areas where people often stay static for a long time or have a small range of motion during use.

PIR Curtain

20° narrow angle curtain type motion detection

Stairs, windows, etc. For use in scenes that detect movement in a narrow range, the infrared curtain will work in the form of a sensing surface.

24G Radar Direction Adjustable

Presence, minor-motion, motion detection

The side hangers in the high hall, high porch and other spaces are placed, and the appropriate induction angle is set.

60G Radar

Fall/Presence/Leave bed/leave multi-functional detection

Old-age bedroom, bathroom, etc., high-risk areas prone to slip, timely reporting of abnormal conditions.

Smart Home

※ Simple On/Off Control

Achieve touchless lighting control by on/off conditions.

Utilize 24GHz radar to detect even subtle movements, including those in static status, making it suitable for restaurants, changing rooms, and more.

※ Panel Priority

Programmed using panel on/off as trigger condition, manual light on priority

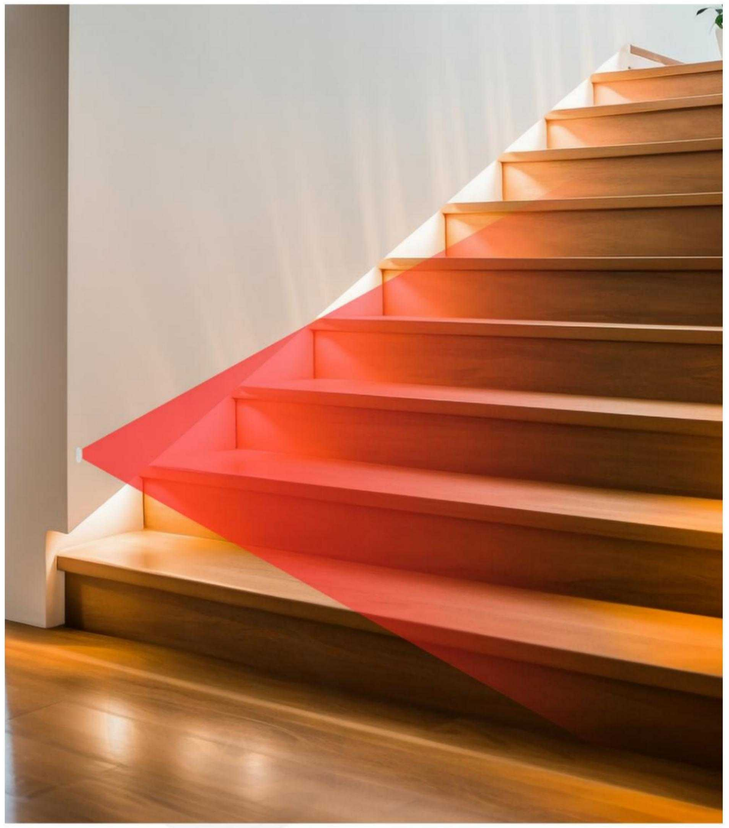
Turning on the panel light disables the sensor, while turning it off enables the sensor to control the light.

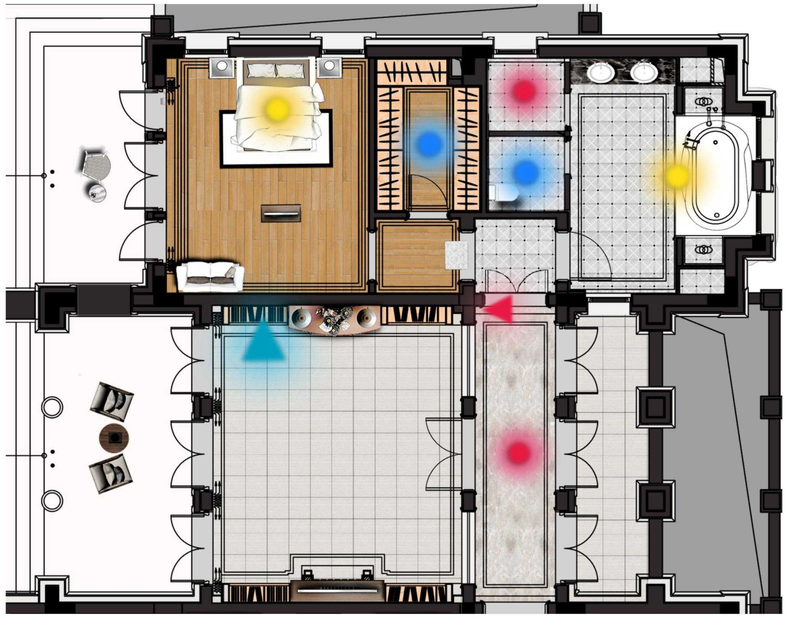
※ Night Mode

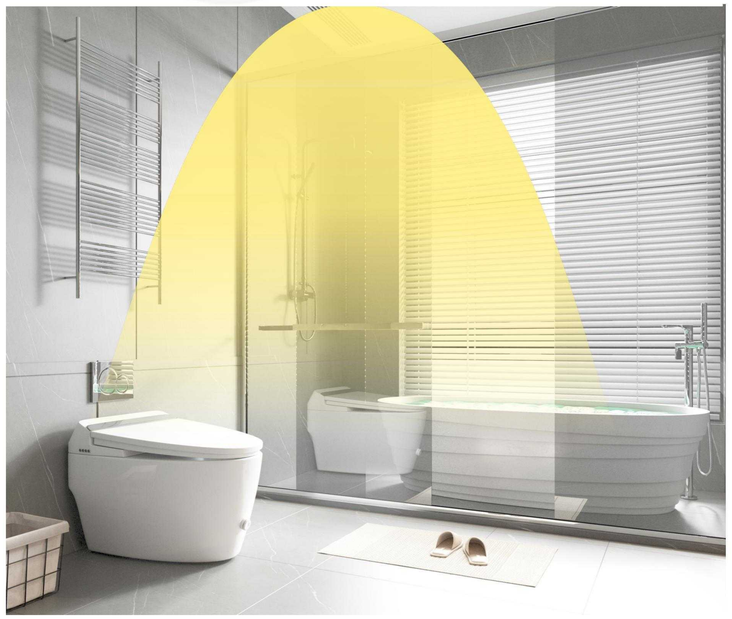
Using bed occupancy and time as triggers, the 60GHz health monitoring sensor activates night lighting only when leaving bed during non-rest hours. Bed-leaving during rest hours will not trigger lighting.

※ Care Monitoring

Use 60GHz health care monitoring to detect falls, prolonged bed-leaving, and other abnormal situations in real-time, providing immediate feedback or alarms.
Ideal for monitoring the elderly at home, particularly in bedrooms, bathrooms, and other areas where falls are more likely.







Smart Office

24G Radar

Presence, minor-motion, motion detection

Toilet,meeting room,office and other areas where people often stay static for a long time or have a small range of motion during use.

PIR

Motion detection

Corridors, doorways, etc., scenes where the state of human body motion triggers sensor.

PIR Curtain

20° narrow angle curtain type motion detection

Stairs, windows, etc. For use in scenes that detect movement in a narrow range, the infrared curtain will work in the form of a sensing surface.

ToF

High-precision occupancy/ ranging sensor

It is used in the scene of detecting the occupancy of toilets and workstations, with strong anti-interference ability, high precision and small detection range.

Smart Office

※ Station Occupancy Detection

Use whether there is a person on the seat as a trigger condition, and output the signal of whether the station is vacant or not.

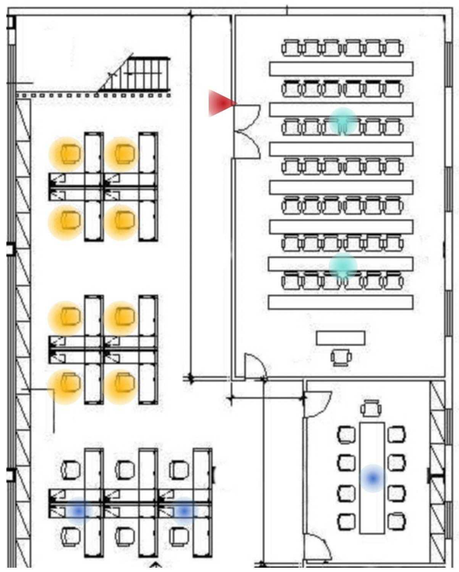
Occupied seats trigger workstation power and report occupancy status. Vacant seats trigger power-off for all electrical equipment and report vacancy.

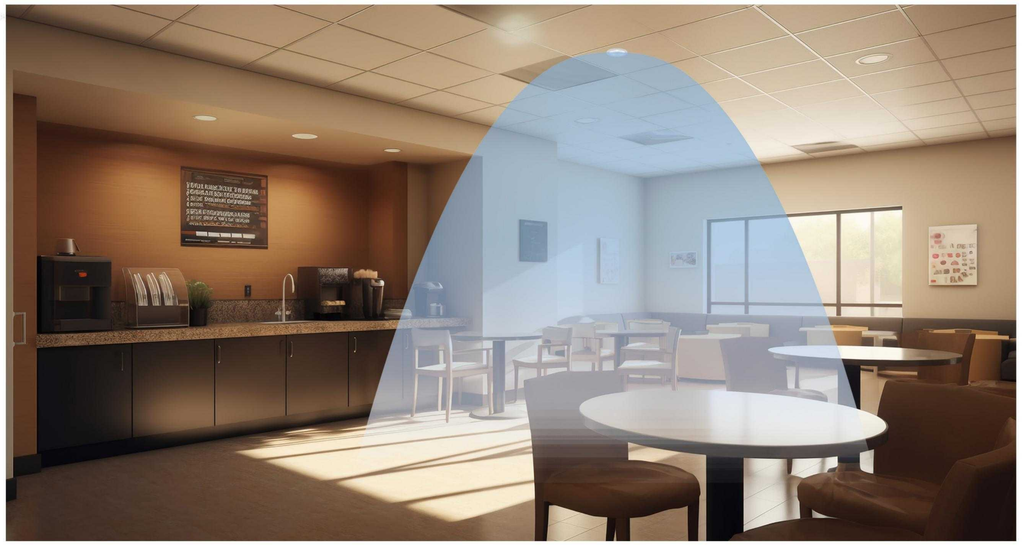
※ Simple On/Off Control

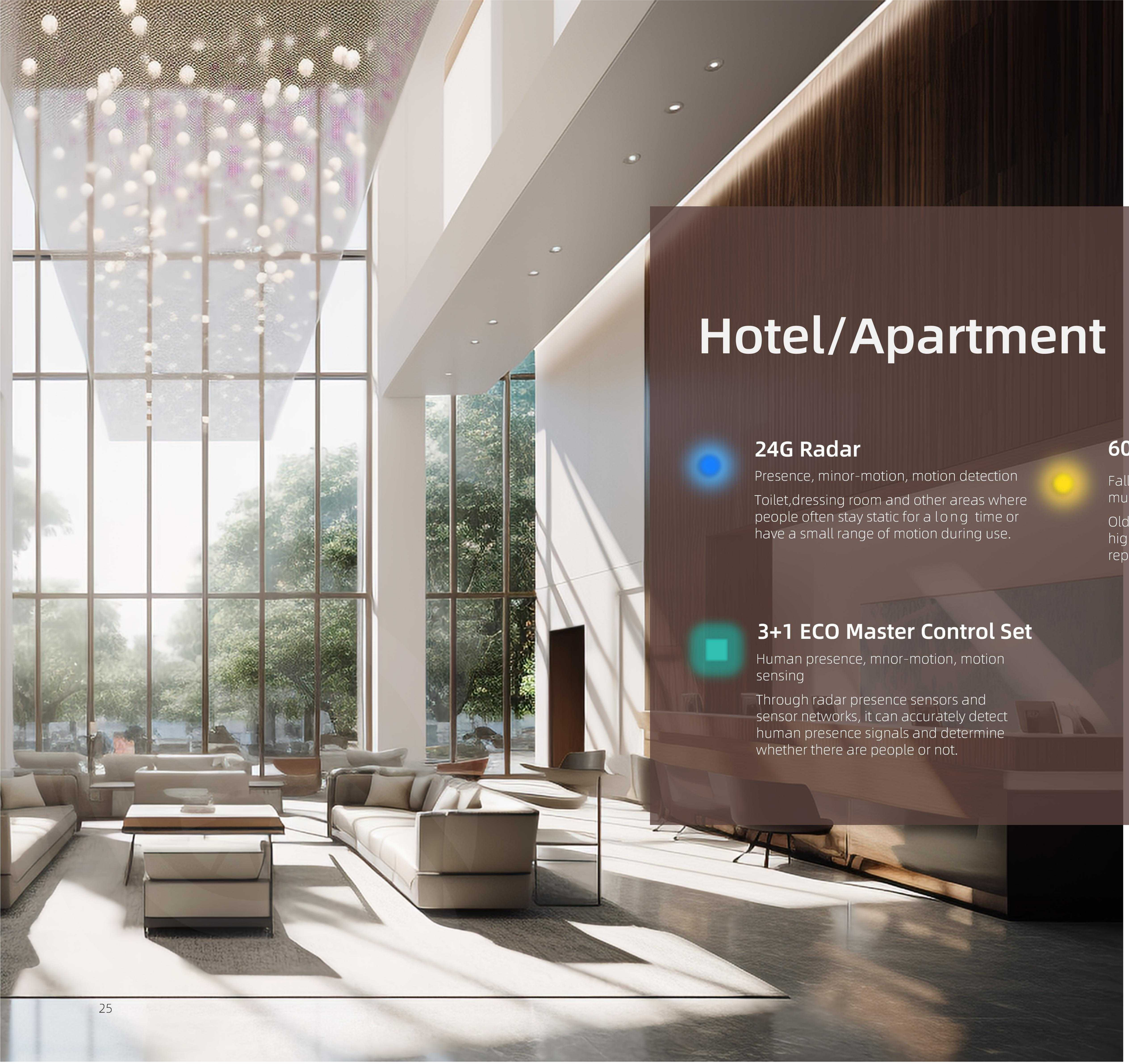
Program lights to turn on/off based on presence, using:
High-Ceiling radar for detecting motion in large, open spaces.
24GHz mmWave radar for detecting subtle movements, even in static positions, making it ideal for restaurants and similar environments.

※ Comfortable Scene Linkage

Use illuminance to trigger pre-set scenes on intelligent devices:
Sunny conditions (illumination > 200 Lux): Open curtains, lights off.
Rainy day conditions (illumination <100 Lux): Close curtains, lights on, dehumidifier on.







Hotel/Apartment

24G Radar

Presence, minor-motion, motion detection

Toilet,dressing room and other areas where people often stay static for a long time or have a small range of motion during use.

60G Radar

Fall/Presence/Leave bed/leave multi-functional detection

Old-age bedroom, bathroom, etc., high-risk areas prone to slip, timely reporting of abnormal conditions.

3+1 ECO Master Control Set

Human presence, mnor-motion, motion sensing

Through radar presence sensors and sensor networks, it can accurately detect human presence signals and determine whether there are people or not.

Smart Hotel

※ Sensor Network for Accurate Card-Free Power Supply

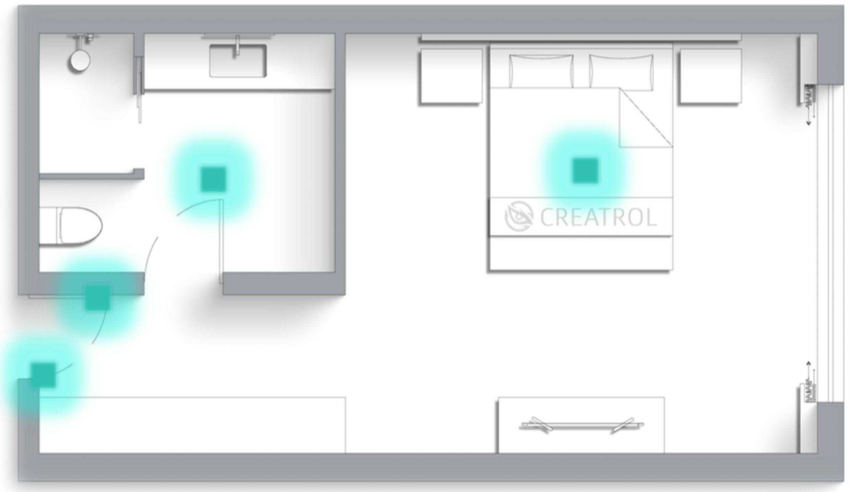
Using human factor dynamics detected by sensors and Creatrol algorithms to determine room occupancy and control power consumption.
Turns on lights when the room is occupied.
Automatically turns off electrical equipment when the room is unoccupied.

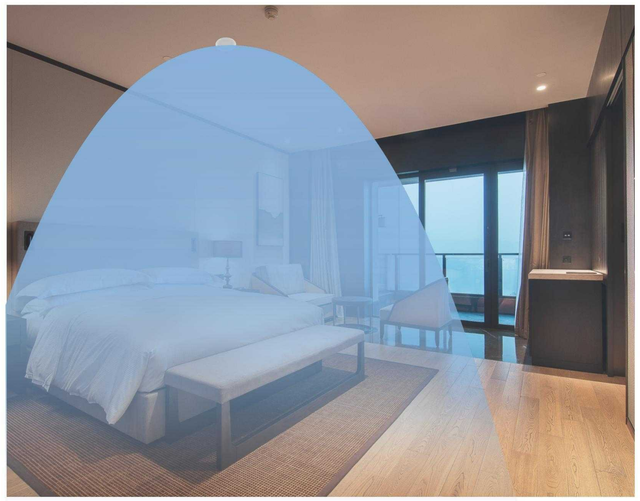
※ Abnormal Condition Monitoring

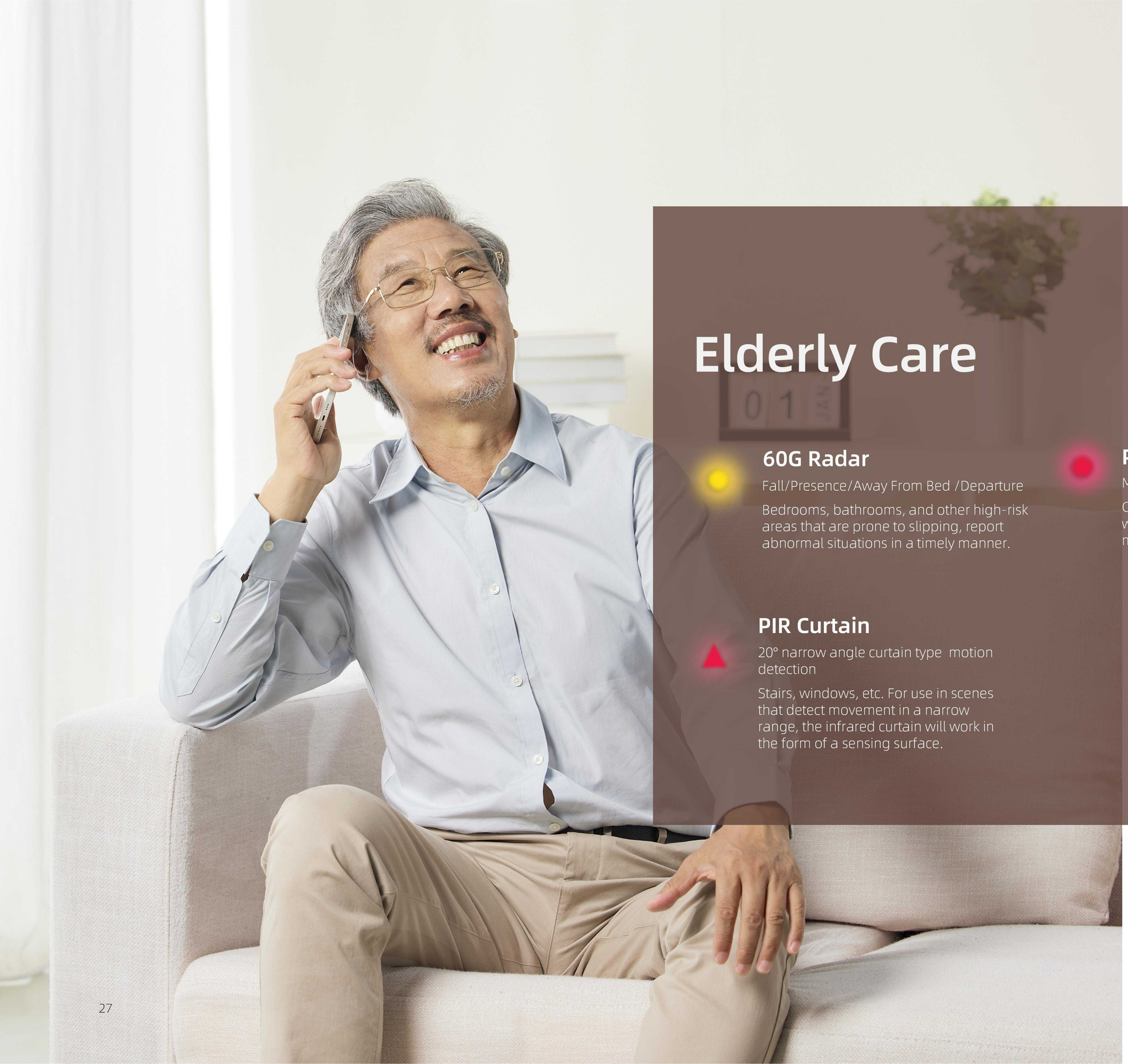
Detects and reports abnormal conditions like falls for timely management.
Reports situations like falling in the bathroom promptly.

※ Night Mode

Uses time and bed-leaving/returning as triggers for scene settings.
Reports bed-leaving without triggering scenes during non-rest times.
Activates night lighting and environmental lighting during rest times when bed-leaving is detected.







Elderly Care

60G Radar

Fall/Presence/Away From Bed /Departure

Bedrooms, bathrooms, and other high-risk areas that are prone to slipping, report abnormal situations in a timely manner.

PIR

Motion detection

Corridors, doorways, etc., scenes where the state of human body motion triggers sensor.

PIR Curtain

20° narrow angle curtain type motion detection

Stairs, windows, etc. For use in scenes that detect movement in a narrow range, the infrared curtain will work in the form of a sensing surface.

Elderly Care

※ Abnormal Status Alarm

Uses mmWave Radar monitoring sensor.
Detects elderly fall/leaving the bed/getting up at night.
In case of fall, abnormal detention and other situations, report in real time so as to respond to rescue as quickly as possible.

※ Night Mode

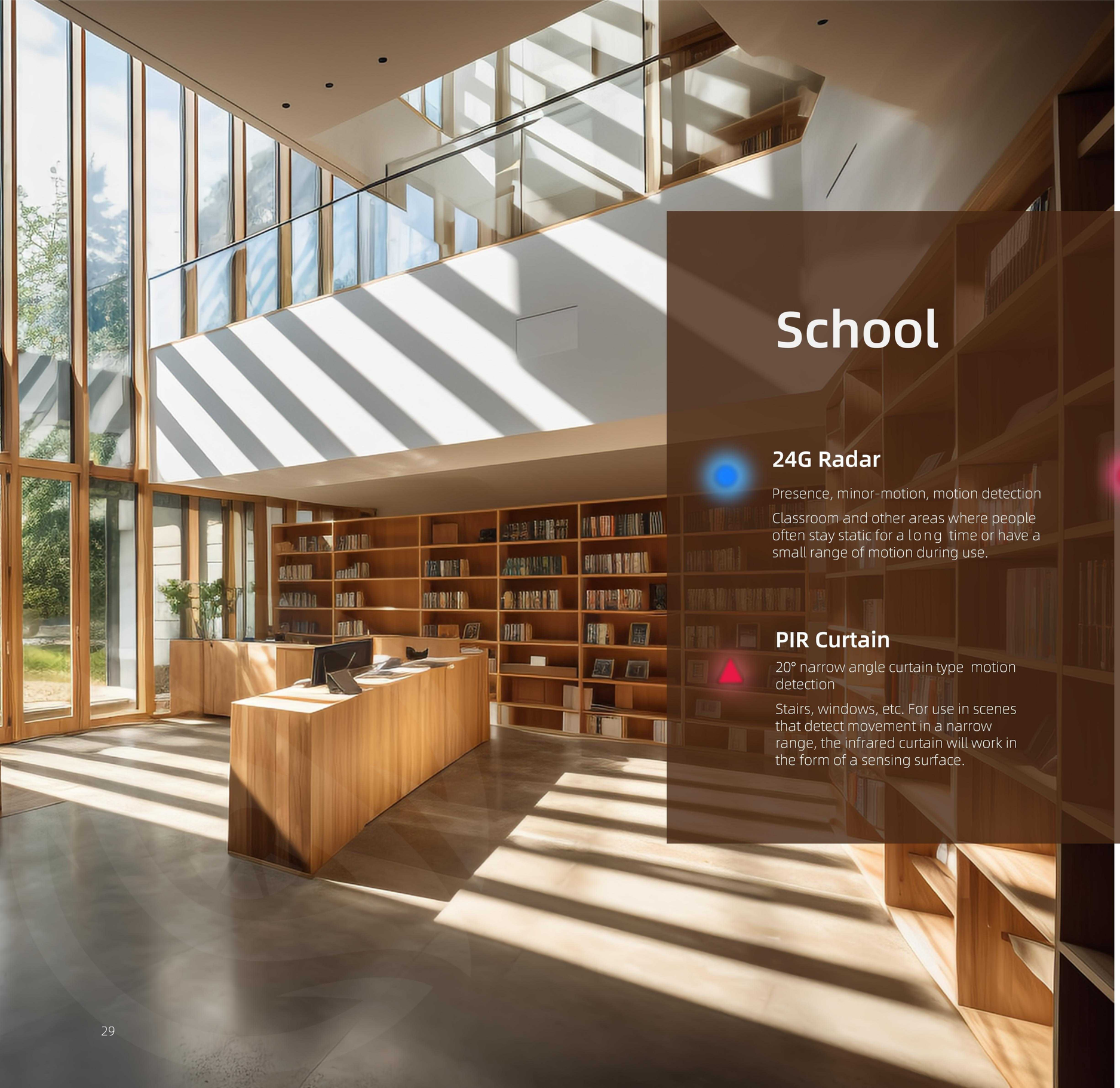
Programmed with time and bed-leaving/bed-returning as trigger conditions.
mmWave Radar monitoring sensor, turns on night light when detecting getting up at night.

※ Comfortable Scene Linkage

Use illuminance to trigger pre-set scenes on intelligent devices:
Sunny conditions (illumination > 200 Lux): Open curtains, lights off.
Rainy day conditions (illumination < 100 Lux): Close curtains, lights on, activate dehumidifier.

※ Light Control with Motion Detection

Uses PIR infrared sensor to detect human movement.
Turns on light and starts equipment when movement is detected.
Designed to reduce false triggering by focusing on a narrow angle of 20°.



School

24G Radar

Presence, minor-motion, motion detection

Classroom and other areas where people often stay static for a long time or have a small range of motion during use.

PIR

Motion detection

Corridors, doorways, etc., scenes where the state of human body motion triggers sensor.

PIR Curtain

20° narrow angle curtain type motion detection

Stairs, windows, etc. For use in scenes that detect movement in a narrow range, the infrared curtain will work in the form of a sensing surface.

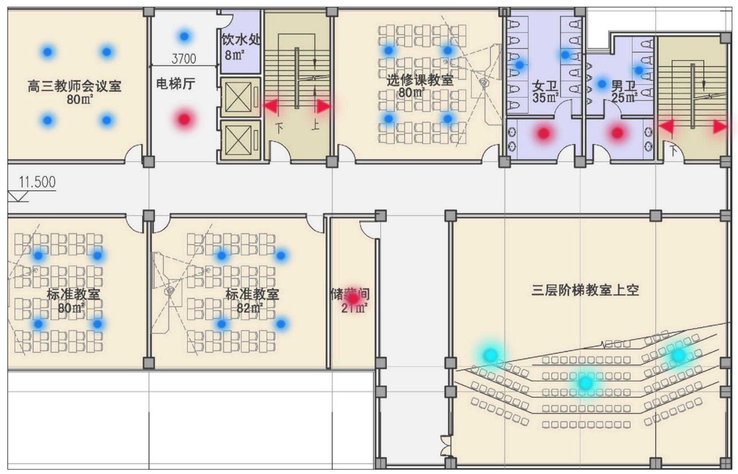
School

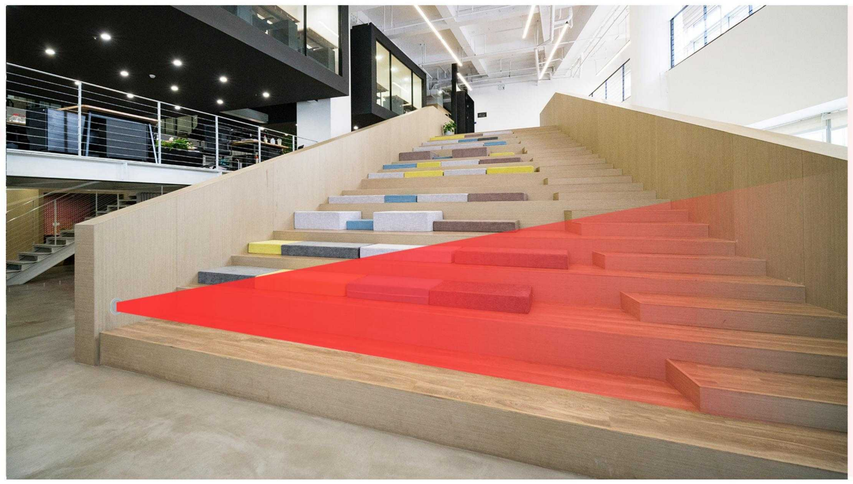
※ Simple On/Off Control

Trigger Condition: Presence of a person on the seat.
Actions:
Seat Occupied: Start workstation power and report occupied signal.
Seat Vacant: Turn off all equipment and report no-man signal.

※ Smart Campus Management

Trigger Condition: Presence of personnel.
Actions:
People Present: Check and turn on area lights if off, report presence.
No One Present: Turn off area electrical equipment.





PRODUCTS

Chapter

C

MINI Series

R5 Series

R1 Series

ECO Series

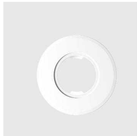
MINI Series

485/Dry Contact					
	24G Radar	ToF	PIR	PIR 20°	HCS Radar
AC Switch					
	24G Radar	ToF	PIR	PIR 20°	HCS Radar
KNX					
	24G Radar	ToF	PIR	PIR 20°	HCS Radar
KNX					
	24G Radar	ToF	PIR	PIR 20°	HCS Radar
KNX					
	24G Radar	ToF	PIR	PIR 20°	HCS Radar
Tuya					
	24G Radar	ToF	PIR	PIR 20°	HCS Radar
0/1-10V					
	24G Radar	ToF	PIR	PIR 20°	HCS Radar
DALI					
	24G Radar	ToF	PIR	PIR 20°	HCS Radar

MINI Accessory

86 Panel Frame

Borderless Embedded


Large Cover Ring

Surface Mounted

Universal Bracket

R5 Series

485/Dry Contact			
	24G Radar Direction Adjustable	24GHz Radar (Max)	60G Radar
Tuya			
	24GHz Radar (Max)	60G Radar	
KNX			
	24GHz Radar (Max)	60G Radar	

R1 Series

485/Dry Contact				
	24G Radar	HCS Radar	PIR	PIR 20°
AC				
	24G Radar	HCS Radar	PIR	PIR 20°
Tuya				
	24G Radar	24G Radar Single Circuit Light Control	PIR	PIR 20°

ECO Series

3+1 ECO Master Control Set(Wired)

3+1 ECO Master Control Set(Wireless)

Creatrol MINI Series

Full Scene Application

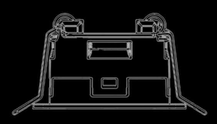
Creatrol MINI Series

All fields application that meet the needs of various scenarios.

Weight 18g,opening size 35mm, body thickness 25mm,

extremely small.

Provide multiple installation methods,all fields application.



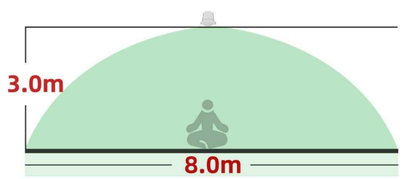
485/Dry Contact

24G Radar

Mini-24G-485
Mini-24G-REL

Presence Sensor

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: 1.5 ~ 5.0m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: DC12 ~ 30 V (< 0.5 W)

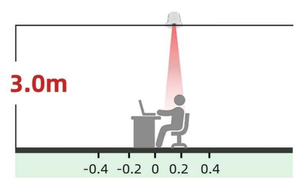


ToF

Mini-ToF-485
Mini-ToF-REL

Occupancy Sensor

- Installation height: 2 ~ 4m
- Detection angle: 11 °
- Detection distance: 0.1 ~ 3.2m (adjustable)
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: DC12~30 V (< 0.5 W)

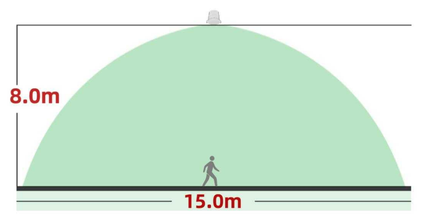


HCS Radar

Mini-HCS-485
Mini-HCS-REL

Wide Motion Detection

- Installation height: 2 ~ 12m
- Detection angle: 360 °
- Detection range: when the installation height is 8.0m Detection diameter ≤ 15.0 m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: DC12~30 V (< 0.5 W)

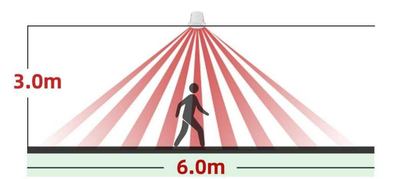


PIR

Mini-PIR-485
Mini-PIR-REL

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: when the installation height is 3.0m Detection diameter ≤ 6.0m
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: DC12~30 V (< 0.5 W)

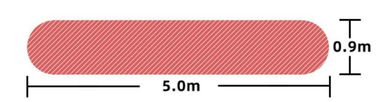


PIR 20°

Mini-PIR-485/20
Mini-PIR-REL/20

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 20 °
- Detection distance: when the installation height is 2.5m Detection range is shown in the figure.
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: DC12 ~ 30 V (< 0.5 W)



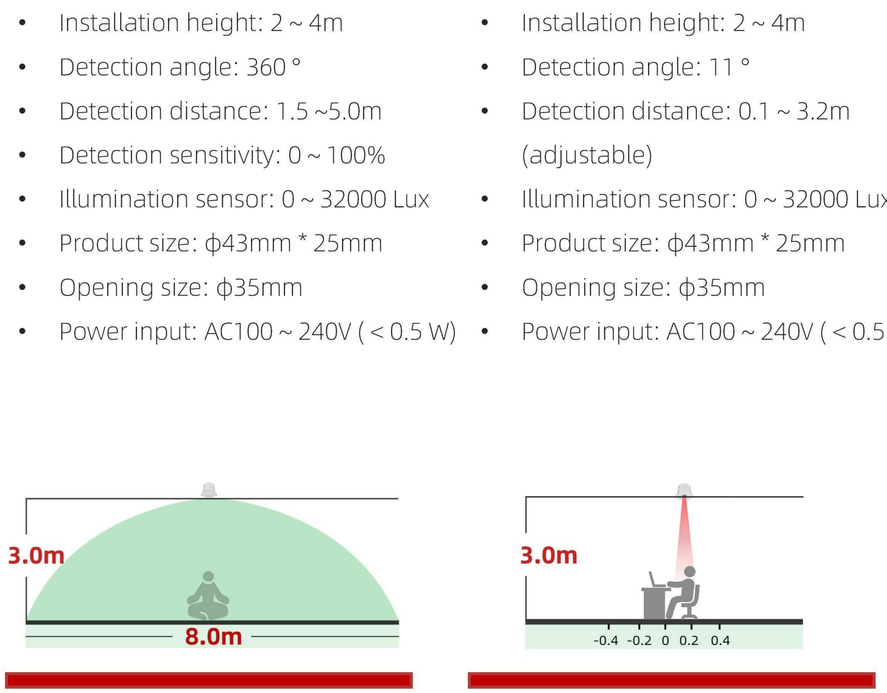
Mini Series

AC

24G Radar

Mini-24G-S1

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: 1.5 ~5.0m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: AC100 ~ 240V (< 0.5 W)



ToF

Mini-ToF-S1

Occupancy Sensor

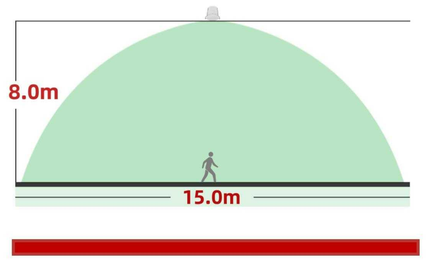
- Installation height: 2 ~ 4m
- Detection angle: 11 °
- Detection distance: 0.1 ~ 3.2m (adjustable)
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: AC100 ~ 240V (< 0.5 W)

HCS Radar

Mini-HCS-S1

Wide Motion Detection

- Installation height: 2 ~ 12m
- Detection angle: 360 °
- Detection range: when the installation height is 8.0m Detection diameter ≤ 15.0 m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: AC100 ~ 240V (< 0.5 W)

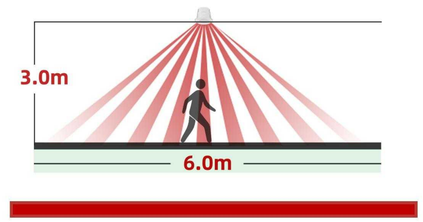


PIR

Mini-PIR-S1

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: when the installation height is 3.0m Detection diameter ≤ 6.0m
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: AC100 ~ 240V (< 0.5 W)

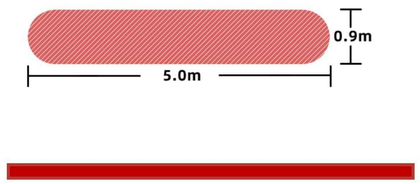


PIR 20°

Mini-PIR-S1/20

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 20 °
- Detection distance: when the installation height is 2.5m Detection range is shown in the figure.
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: AC100 ~ 240V (< 0.5 W)



Mini Series

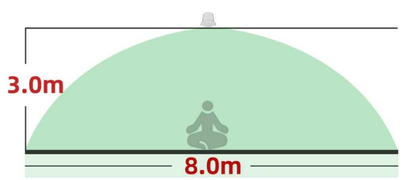
KNX

24G Radar

Mini-24G-KNX

Presence Sensor

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: 1.5 ~ 5.0m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- KNX bus power: DC30V(6mA)
- Auxiliary power: DC12 ~ 30V(< 0.5W)

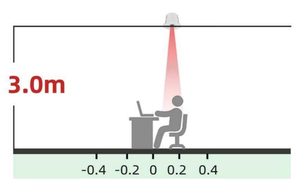


ToF

Mini-ToF-KNX

Occupancy Sensor

- Installation height: 2 ~ 4m
- Detection angle: 11 °
- Detection distance: 0.1 ~ 3.2m (adjustable)
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- KNX bus power: DC30V(6mA)
- Auxiliary power: DC12 ~ 30V(< 0.5W)

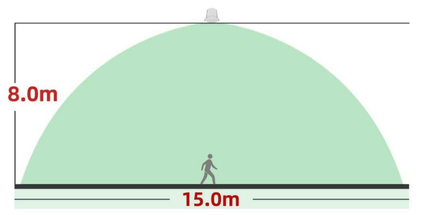


HCS Radar

Mini-HCS-KNX

Wide Motion Detection

- Installation height: 2 ~ 12m
- Detection angle: 360 °
- Detection range: when the installation height is 8.0m Detection diameter ≤ 15.0 m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- KNX bus power: DC30V(6mA)
- Auxiliary power: DC12 ~ 30V(< 0.5W)

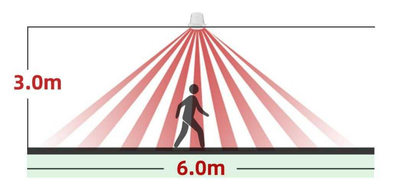


PIR

Mini-PIR-KNX

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: when the installation height is 3.0m Detection diameter ≤ 6.0m
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- KNX bus power: DC30V(10mA)

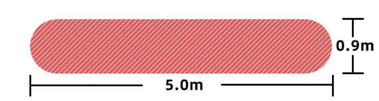


PIR 20°

Mini-PIR-KNX/20

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 20 °
- Detection distance: when the installation height is 2.5m Detection range is shown in the figure.
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- KNX bus power: DC30V(10mA)



Mini Series

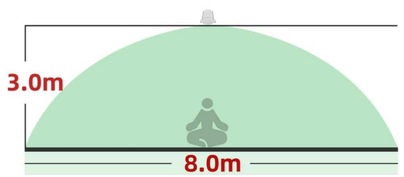
KNX

24G Radar

Mini-24G-KNX V2

Presence Sensor

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: 1.5 ~ 5.0m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 35mm
- Opening size: ϕ35mm
- Power supply: KNX 30V(< 10mA)

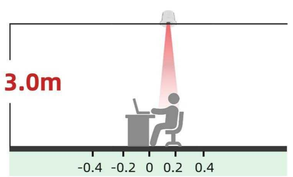


ToF

Mini-ToF-KNX V2

Occupancy Sensor

- Installation height: 2 ~ 4m
- Detection angle: 11 °
- Detection distance: 0.1 ~ 3.2m (adjustable)
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 35mm
- Opening size: ϕ35mm
- Power supply: KNX 30V(< 10mA)

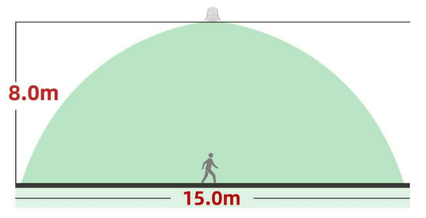


HCS Radar

Mini-HCS-KNX V2

Wide Motion Detection

- Installation height: 2 ~ 12m
- Detection angle: 360 °
- Detection range: when the installation height is 8.0m Detection diameter ≤ 15.0 m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 35mm
- Opening size: ϕ35mm
- Power supply: KNX 30V(< 10mA)

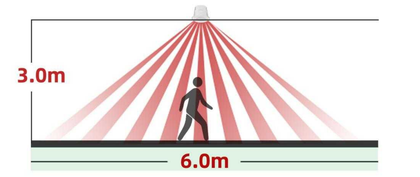


PIR

Mini-PIR-KNX V2

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: when the installation height is 3.0m Detection diameter ≤ 6.0m
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 35mm
- Opening size: ϕ35mm
- Power supply: KNX 30V(< 10mA)

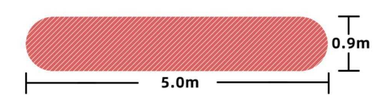


PIR 20°

Mini-PIR-KNX/20 V2

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 20 °
- Detection distance: when the installation height is 2.5m Detection range is shown in the figure.
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 35mm
- Opening size: ϕ35mm
- Power supply: KNX 30V(< 10mA)

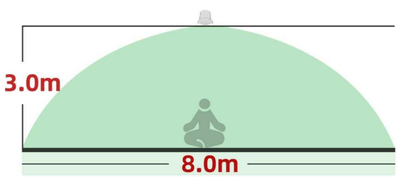


Mini Series

24G Radar

Mini-24G-KNX/B V2

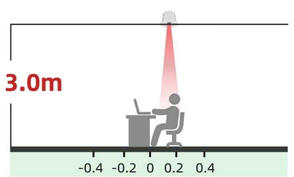
- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: 1.5 ~ 5.0m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 35mm
- Opening size: ϕ35mm
- Power supply: KNX 30V(< 10mA)



ToF

Mini-ToF-KNX/B V2

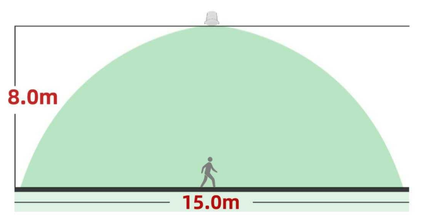
- Installation height: 2 ~ 4m
- Detection angle: 11 °
- Detection distance: 0.1 ~ 3.2m (adjustable)
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 35mm
- Opening size: ϕ35mm
- Power supply: KNX 30V(< 10mA)



HCS Radar

Mini-HCS-KNX/B V2

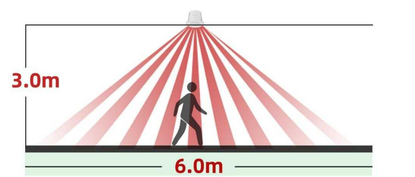
- Installation height: 2 ~ 12m
- Detection angle: 360 °
- Detection range: when the installation height is 8.0m Detection diameter ≤ 15.0 m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 35mm
- Opening size: ϕ35mm
- Power supply: KNX 30V(< 10mA)



PIR

Mini-PIR-KNX/B V2

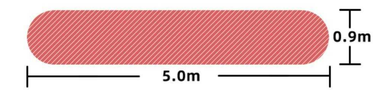
- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: when the installation height is 3.0m Detection diameter ≤ 6.0m
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 35mm
- Opening size: ϕ35mm
- Power supply: KNX 30V(< 10mA)



PIR 20°

Mini-PIR-KNX/20/B V2

- Installation height: 2 ~ 4m
- Detection angle: 20 °
- Detection distance: when the installation height is 2.5m Detection range is shown in the figure.
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 35mm
- Opening size: ϕ35mm
- Power supply: KNX 30V(< 10mA)



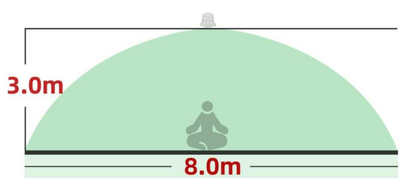
Tuya

24G Radar

Mini-24G-TYZ

Presence Sensor

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: 1.5 ~ 5.0m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: DC12 ~ 30V or AC100 ~ 240V (< 0.5 W)

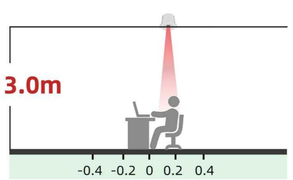


ToF

Mini-ToF-TYZ

Occupancy Sensor

- Installation height: 2 ~ 4m
- Detection angle: 11 °
- Detection distance: 0.1 ~ 3.2m (adjustable)
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: DC12 ~ 30V or AC100 ~ 240V (< 0.5 W)

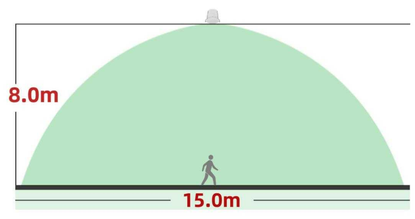


HCS Radar

Mini-HCS-TYZ

Wide Motion Detection

- Installation height: 2 ~ 12m
- Detection angle: 360 °
- Detection range: when the installation height is 8.0m Detection diameter ≤ 15.0 m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: DC12 ~ 30V or AC100 ~ 240V(< 0.5 W)

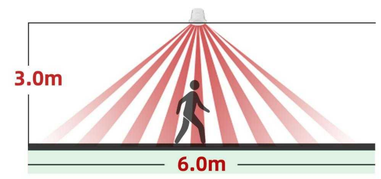


PIR

Mini-PIR-TYZ

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: when the installation height is 3.0m Detection diameter ≤ 6.0m
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: DC12 ~ 30V or AC100 ~ 240V(< 0.5 W)

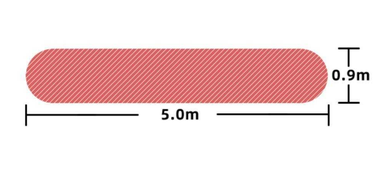


PIR 20°

Mini-PIR-TYZ/20

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 20 °
- Detection distance: when the installation height is 2.5m Detection range is shown in the figure.
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: DC12 ~ 30V or AC100 ~ 240V (< 0.5 W)



Mini Series

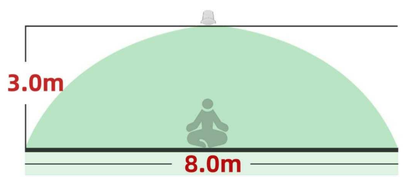
0/1-10V

24G Radar

Mini-24G-10V

Presence Sensor

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: 1.5 ~ 5.0m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: DC12 ~ 30V or AC100 ~ 240V (< 0.5 W)

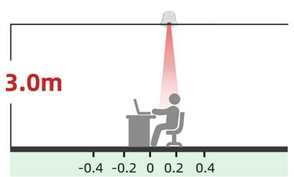


ToF

Mini-ToF-10V

Occupancy Sensor

- Installation height: 2 ~ 4m
- Detection angle: 11 °
- Detection distance: 0.1 ~ 3.2m (adjustable)
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: DC12 ~ 30V or AC100 ~ 240V (< 0.5 W)

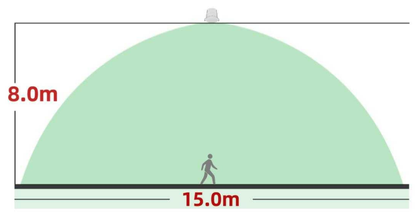


HCS Radar

Mini-HCS-10V

Wide Motion Detection

- Installation height: 2 ~ 12m
- Detection angle: 360 °
- Detection range: when the installation height is 8.0m Detection diameter ≤ 15.0 m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: DC12 ~ 30V or AC100 ~ 240V (< 0.5 W)

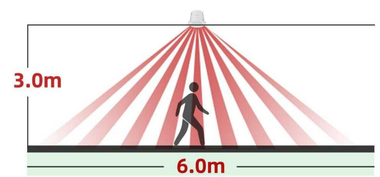


PIR

Mini-PIR-10V

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: when the installation height is 3.0m Detection diameter ≤ 6.0m
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: DC12 ~ 30V or AC100 ~ 240V (< 0.5 W)

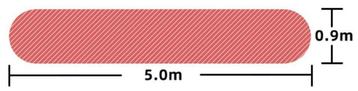


PIR 20°

Mini-PIR-10V/20

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 20 °
- Detection distance: when the installation height is 2.5m Detection range is shown in the figure.
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- Power input: DC12 ~ 30V or AC100 ~ 240V (< 0.5 W)



Mini Series

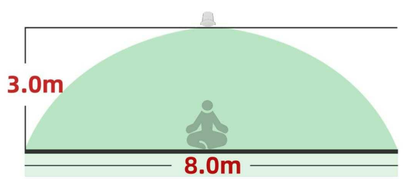
DALI

24G Radar

Mini-24G-DALI/STD
Mini-24G-DALI/LTC

Presence Sensor

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: 1.5 ~ 5.0m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- STD Power: DC12 ~ 30 V (< 0.5 W)
- LTC Power: DC21~30V or AC100 ~ 240V (< 0.5 W)
- DALI bus: 16VDC ≤250mA

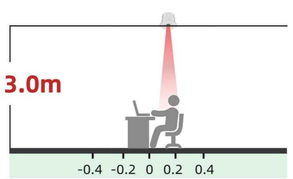


ToF

Mini-ToF-DALI/STD
Mini-ToF-DALI/LTC

Occupancy Sensor

- Installation height: 2 ~ 4m
- Detection angle: 11 °
- Detection distance: 0.1 ~ 3.2m (adjustable)
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- STD Power: DC12 ~ 30 V (< 0.5 W)
- LTC Power: DC21~30V or AC100 ~ 240V (< 0.5 W)
- DALI bus: 16VDC ≤250mA

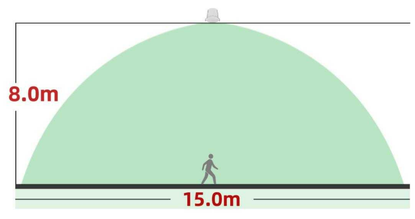


HCS Radar

Mini-HCS-DALI/STD
Mini-HCS-DALI/LTC

Wide Motion Detection

- Installation height: 2 ~ 12m
- Detection angle: 360 °
- Detection range: when the installation height is 8.0m Detection diameter ≤ 15.0 m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- STD Power: DC12 ~ 30 V (< 0.5 W)
- LTC Power: DC21~30V or AC100 ~ 240V (< 0.5 W)
- DALI bus: 16VDC ≤250mA

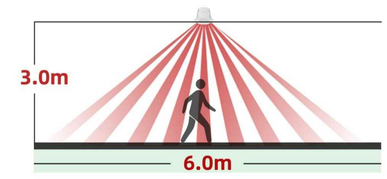


PIR

Mini-PIR-DALI/STD
Mini-PIR-DALI/LTC

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: when the installation height is 3.0m Detection diameter ≤ 6.0m
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- STD Power: DC12 ~ 30 V (< 0.5 W)
- LTC Power: DC21~30V or AC100 ~ 240V (< 0.5 W)
- DALI bus: 16VDC ≤250mA

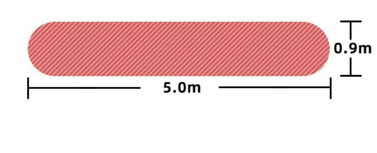


PIR 20°

Mini-PIR-DALI/STD/20
Mini-PIR-DALI/LTC/20

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 20 °
- Detection distance: when the installation height is 2.5m Detection range is shown in the figure.
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ43mm * 25mm
- Opening size: ϕ35mm
- STD Power: DC12 ~ 30 V (< 0.5 W)
- LTC Power: DC21~30V or AC100 ~ 240V (< 0.5 W)
- DALI bus: 16VDC ≤250mA



Mini Series

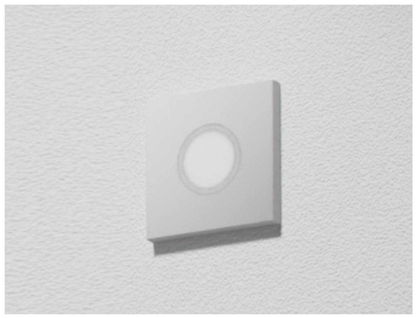
Accessory

86 Panel Frame

Mini-ASSY-86

Wall Mounted

- Product size: 86mm * 86mm
- Installation method: wall 86 bottom box installation
- Color: White



Borderiess Embedded

Mini-ASSY-BL

Embedded Installation

- Product size: outer diameter ϕ80mm * opening ϕ40mm
- Installation method: embedded installation
- Color: White

Large Cover Ring

Mini-ASSY-55

Celling Expansion Mounted

- Product size: outer diameter ϕ65mm * opening ϕ50mm
- Installation method: embedded installation
- Color: White

Surface Mounted

Mini-ASSY-CYL

Surface Mounted

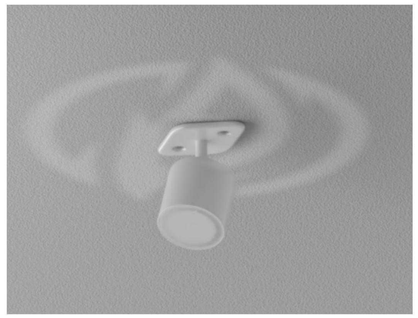
- Product size: height 42 mm * outer diameter ϕ46mm
- Installation method: wall or top installation
- Color: White

Universal Bracket

Mini-ASSY-360

Adjustable Angle Mounted

- Product size: 63mm * 32mm
- Installation method: wall or top installation
- Color: White

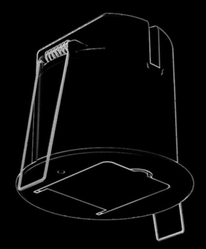


Mini Series

Creatrol R5 Series

Full Scene Application

60GHz mmWave radar auxiliary monitoring sensor, featuring cutting-edge mmWave radar detection technology.
It integrates multi-in-one detection for presence, fall, nocturia, out-of-bed, and leaving home.
The 24GHz (Max) enhanced version offers upgraded performance and algorithms,
with a wider detection range, higher accuracy, and stronger anti-interference capabilities.
The 24GHz mmWave radar adjustable-angle presence sensor allows detection direction adjustment from 0 to 60 degrees.
Suitable for smart home, intelligent health care, smart medical, and rehabilitation monitoring scenarios.



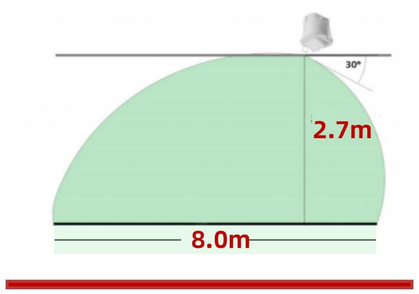
485/Dry Contact

24G Radar Direction Adjustable

R5-24G-485(ADJ)
R5-24G-REL(ADJ)

Presence Sensor

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: 1.5 ~ 8.0m
- Detection direction: 0-60 ° adjustable
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ65mm * 60mm
- Opening size: ϕ55mm
- Power input: DC12 ~ 30 V (< 0.5 W)

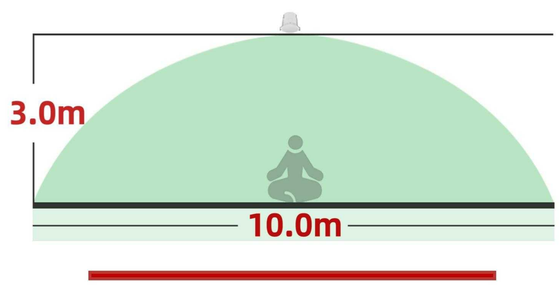


24G Radar (Max)

R5-24G-485
R5-24G-REL

Presence Sensor

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: 1.5 ~ 8.0m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ65mm * 60mm
- Opening size: ϕ55mm
- Power input: DC12 ~ 30V (< 0.5 W)

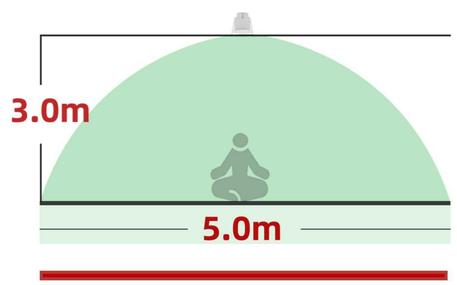


60G Radar

R5-60G-485
R5-60G-REL

Multifunctional Detection

- Installation height: 2.5 ~ 3.2m
- Detection angle: 360 °
- Detection range:ϕ5.0m
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ65mm * 60mm
- Opening size: ϕ55mm
- Power input: DC12 ~ 30V (< 3W)



R5

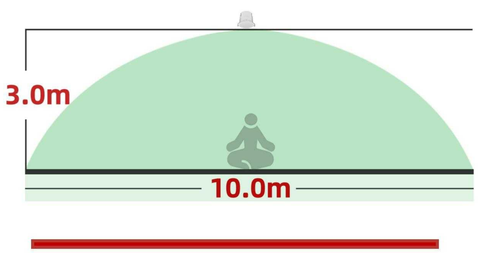
Tuya

24G Radar
(Max)

R5-24G-TYZ
R5-24G-TYW

Presence Sensor

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection range:ϕ10.0m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ65mm * 60mm
- Opening size: ϕ55mm
- Power input: AC100~240V (< 0.5 W)

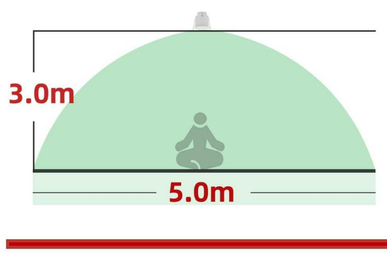


60G Radar

R5-60G-TYZ
R5-60G-TYW

Multifunctional Detection

- Installation height: 2.5 ~ 3.2m
- Detection angle: 360 °
- Detection range:ϕ5.0m
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ65mm * 60mm
- Opening size: ϕ55mm
- Power input: AC100~240V (< 3W)



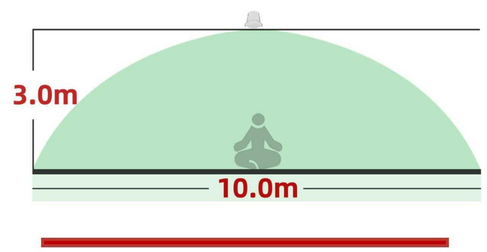
KNX

24G Radar
(Max)

R5-24G-KNX

Presence Sensor

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection range:ϕ10.0m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ65mm * 60mm
- Opening size: ϕ55mm
- KNX Bus power: DC30V(6mA)
- Auxiliary power: DC12 ~ 30V (< 0.5W)

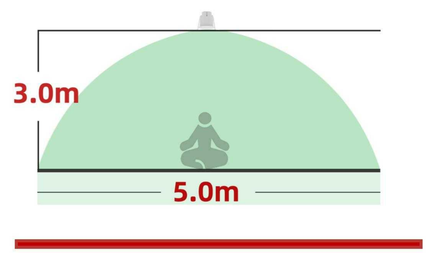


60GHz Radar

R5-60G-KNX

Multifunctional Detection

- Installation height: 2.5 ~ 3.2m
- Detection angle: 360 °
- Detection range:ϕ5.0m
- Illumination sensor: 0 ~ 32000 Lux
- Product size:ϕ 65mm * 60mm
- Opening size:ϕ 55mm
- KNX Bus power: DC30V(6mA)
- Auxiliary power: DC12 ~ 30V (< 3W)



R5 Series

Creatrol R1 series

Full Scene Application

Creatrol R1 Series,42mm hole cut,ceiling mounted

mmWave radar sensor,microwave sensor,PlR sensor

Multiple detection method meet different detection needs

Widelyused in smart home, smartoffice and other scenarios

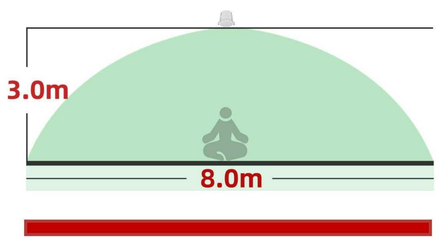
485/Dry Contact

24G Radar

R1-24G-485
R1-24G-REL

Presence Sensor

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: 1.5 ~5.0m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ50mm * 58mm
- Opening size: ϕ42mm
- Power input: DC12 ~ 30 V (< 0.5 W)

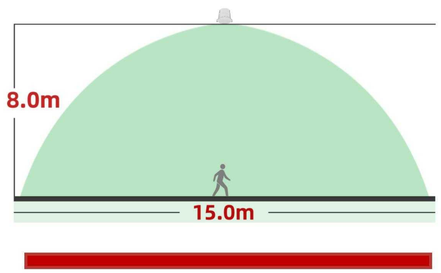


HCS Radar

R1-HCS-485
R1-HCS-REL

Wide Motion Detection

- Installation height: 2 ~ 12m
- Detection angle: 360 °
- Detection range: when the installation height is 8.0m , detection diameter ≤ 15.0 m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ50mm * 58mm
- Opening size: ϕ42mm
- Power input: DC12 ~ 30 V (< 0.5 W)

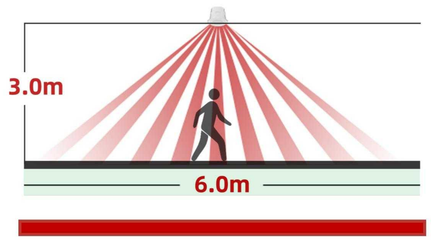


PIR

R1-PIR-485
R1-PIR-REL

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: when the installation height is 3.0m Detection diameter ≤ 6.0m
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ50mm * 58mm
- Opening size: ϕ42mm
- Power input: DC12 ~ 30 V (< 0.5 W)

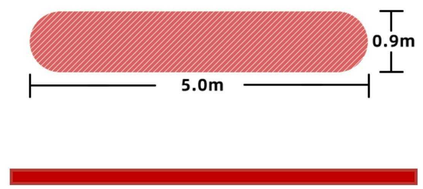


PIR 20°

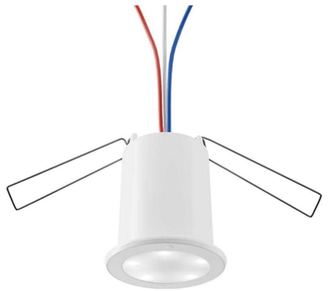
R1-PIR-485/20
R1-PIR-REL/20

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 20 °
- Detection distance: when the installation height is 2.5m Detection range is shown in the figure.
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ50mm * 58mm
- Opening size: ϕ42mm
- Power input: DC12 ~ 30 V (< 0.5 W)



AC

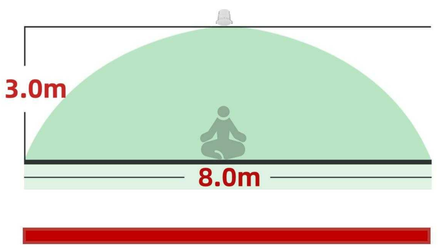


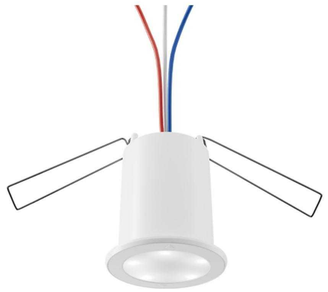
24G Radar

R1-24G-S1

Presence Sensor

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: 1.5 ~ 5.0m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ50mm * 58mm
- Opening size: ϕ42mm
- Power input: AC100 ~ 240V (< 0.5 W)



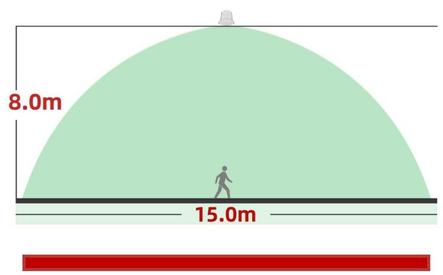


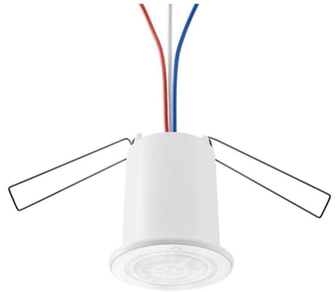
HCS Radar

R1-HCS-S1

Wide Motion Detection

- Installation height: 2 ~ 12m
- Detection angle: 360 °
- Detection range: when the installation height is 8.0m Detection diameter ≤ 15.0 m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ50mm * 58mm
- Opening size: ϕ42mm
- Power input: AC100 ~ 240V(< 0.5 W)



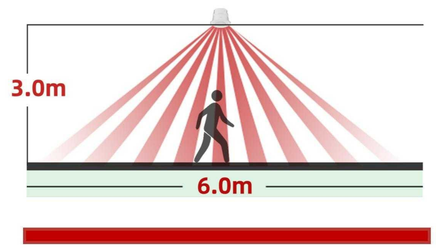


PIR

R1-PIR-S1

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: when the installation height is 3.0m Detection diameter ≤ 6.0m
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ50mm * 58mm
- Opening size: ϕ42mm
- Power input: AC100 ~ 240V (< 0.5 W)

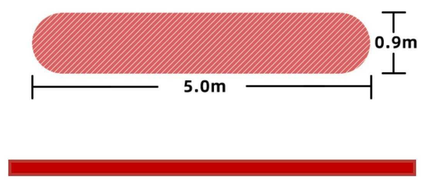


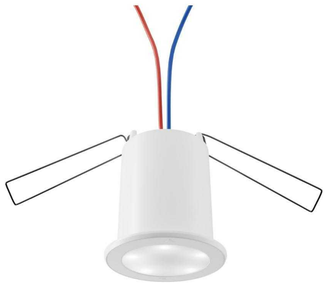
PIR 20°

R1-PIR-S1/20

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 20 °
- Detection distance: when the installation height is 2.5m Detection range is shown in the figure.
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ50mm * 58mm
- Opening size: ϕ42mm
- Power input: AC100 ~ 240V (< 0.5 W)



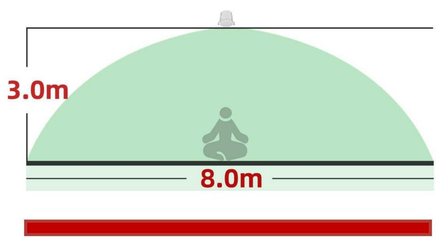


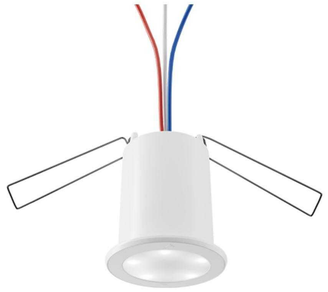
24G Radar

R1-24G-TYZ
R1-24G-TYW

Presence Sensor

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: 1.5 ~ 5.0m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ50mm * 58mm
- Opening size: ϕ42mm
- Power input: AC100 ~ 240V (< 0.5 W)



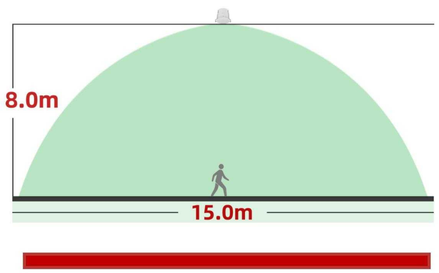


24G Radar
(Single Circuit Light Control)

R1-24G-TYZ/S1
R1-24G-TYW/S1

Presence Sensor

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: 1.5 ~ 5.0m
- Detection sensitivity: 0 ~ 100%
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ50mm * 58mm
- Opening size: ϕ42mm
- Power input: AC100 ~ 240V (< 0.5 W)

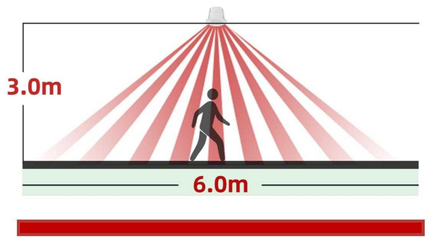


PIR

R1-PIR-TYZ
R1-PIR-TYW

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection distance: when the installation height is 3.0m Detection diameter ≤ 6.0m
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ50mm * 58mm
- Opening size: ϕ42mm
- Power input: AC100 ~ 240V (< 0.5 W)

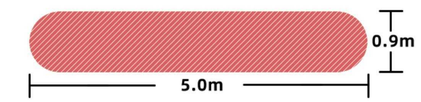


PIR 20°

R1-PIR-TYZ/20
R1-PIR-TYW/20

Motion Detection

- Installation height: 2 ~ 4m
- Detection angle: 20 °
- Detection distance: when the installation height is 2.5m Detection range is shown in the figure.
- Illumination sensor: 0 ~ 32000 Lux
- Product size: ϕ50mm * 58mm
- Opening size: ϕ42mm
- Power input: AC100 ~ 240V (< 0.5 W)



ECO Series

Hotel 3+1 Master Control Set

The series of products for card-free power-on operation

Adopting dual radar detection method, providing more accurate sensing results

Built-in logic algorithm, easy to install, simple and user-friendly

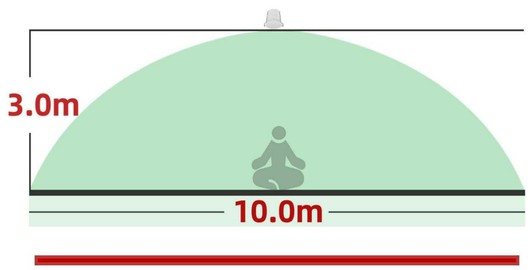
Available in both wired and wireless versions

Wired

3+1 ECO Master Control Set
(Wired)

Smart Sensor Network

- Product content (basic version): door magnetic sensor * 1, 24GHz presence sensor * 2, master control panel
- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection sensitivity: 0 ~ 100%
- Power input: master control panel AC100 ~ 240V,sensors DC12 ~ 30V

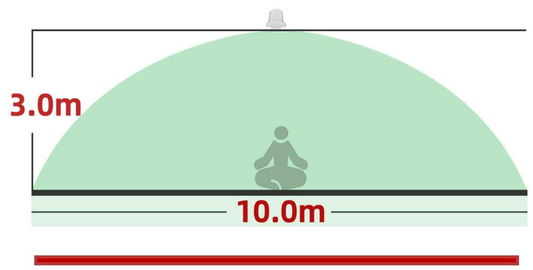


Wireless

3+1 ECO Master Control Set
(Wireless)

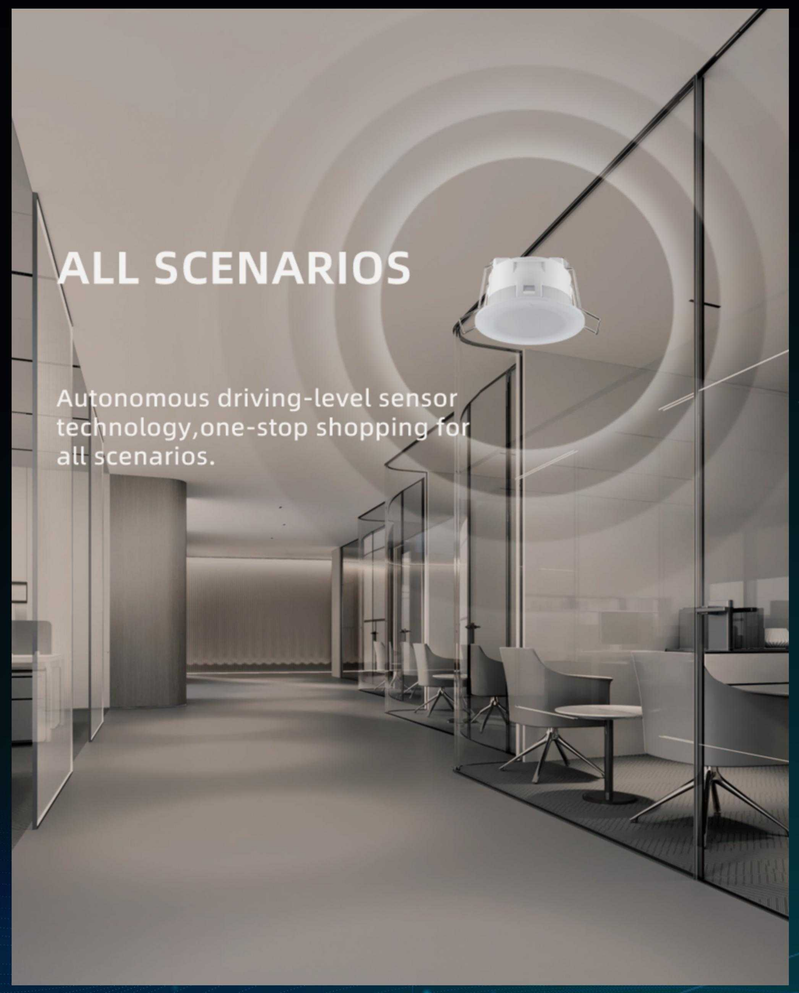
Smart Sensor Network

- Product content (basic version): door magnetic sensor * 1, 24GHz presence sensor * 2, master control panel
- Installation height: 2 ~ 4m
- Detection angle: 360 °
- Detection sensitivity: 0 ~ 100%
- Power input: AC100 ~ 240V



ECO Series

The Product You Need, Right Here!



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CONTACT US

Creatrol Intelligence Co.,Ltd
Tel: (+86)021-54325789
Web: www.creatrolsensor.com
Email: contact@creatrol.com
Address: 7F, Building C, No.7001, Zhongchun Road,
Minhang District, Shanghai,China

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