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Steinel America

OEM Done Better

We think outside the box and

Scrutinize things that are taken for granted

Providing **value-added features and functions** without the additional cost.

We think **without restrictions** and turn discoveries into **intelligent products** that meet the most exacting of demands.

OEM Done Better:

Smarter Solution

Quality Engineered Products

Easy to Install and Commission

Outstanding Service and Value

Steinel America Analog Sensors
Current Business Model

Power Packs

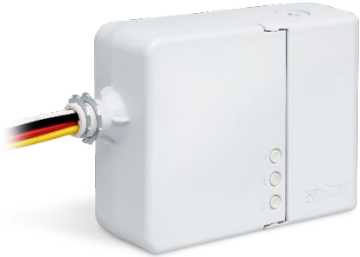**Ultra Sonic**

Wall Switches

Ceiling Mount

Corner Mount

Smart Remote

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Steinel America Digital Control System (DCS)
New Product Release

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Digital Controller

Control Pro Sensors

IR Quattro DCS

IR Quattro HD DCS

NEW Sensors + Switches

IR Quattro SLIM XS DCS

US Quattro DCS

IR Quattro Micro DCS

US One-way DCS

PS DCS

US Hallway DCS

Wall switches

DT Quattro DCS

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What Types Of Fixture Sensors Are Needed?

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	Stand Alone	Smart	Networked/Wireless/IOT
Technology	PIR or Microwave	PIR or Microwave	PIR or Microwave
Wireless	None	IR Programming	BLE wireless mesh
Power	Line or Low Volt.	Line or Low Volt.	Line or Low Volt.
Control	On/Off	On/Off	On/Off
Time Delay	15 Sec to 30 Min	15 Sec to 30 Min	15 Sec to 30 Min
Light Level	Yes	Yes	Yes
Dimming	No	0-10 VDC/DALI2	0-10 VDC/DALI2/DEXEL
HI/Lo Mode	No	Yes	Yes
Ramp/Fade	No	1 to 60 sec.	1 to 60 sec.
IP Rating	IP20, 65, 66	IP20, 65, 66	IP20, 65, 66
Sensitivity	Low to High	Low to High	Low to High
Price Range	~$25	~$32	~$35

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<u>High Bay Sensors</u>

High / Low bay lighting control

Steinel's HBS series of occupancy sensors provide world class detection in high and low bay applications.

They utilizing multiple pyro configurations coupled with application specific lens designs that provide up to 1416 switching zones of detection.

- IP20 and IP65 versions available in 120/230/277VAC, 50/60Hz.

- IP20 versions available in 347/480VAC, 60Hz.

- Mounting height up to 45ft

- 360° coverage with up to 60ft

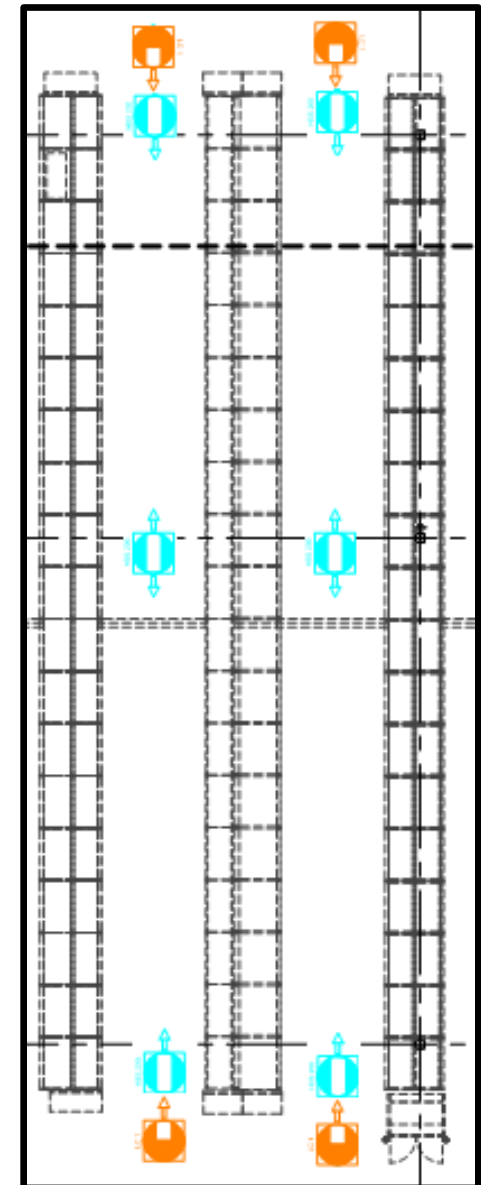- Aisleway coverage with up to 100ft x 13ft

☑ ## STEINEL Solution

- Use of occupancy sensor provides automatic all OFF.
- All sensors to be set to automatic ON.
- Detection should be limited to each aisle and movement in cross aisles should not turn the lights ON.
- Easy to install lens cover LC1 limits detection area of HBS 200 sensors to each aisle.

This layout: 2 x 200 ft. aisle aisleway

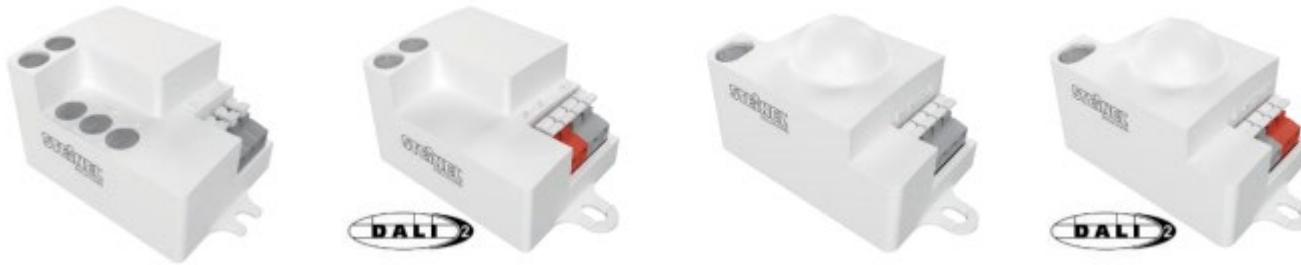| Product	Description	
HBS 200	PIR aisle occupancy sensor	
LC1	Aisle-starter Lens Cover	

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Fixture Integrated Microwave Sensor

INDIVIDUAL LIGHTING FIXTURE CONTROLS

Key Features:

• 360° coverage; reach is adjustable from 3.3 to 26 ft

• High frequency technology emits 5.8 GHz electromagnetic waves

• Built-in surge protection with auto-reset

• Lamp seasoning feature provides a simple and convenient 4 day burn in as recommended by lamp manufacturers

• Adjustable time delay and light level settings

• Light level feature allows lighting to remain off during daylight, regardless of occupancy (hold off)

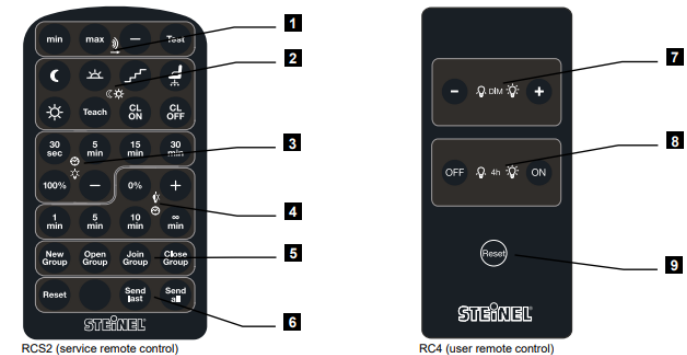• Wiring is streamlined with three terminals

SENSOTEC MB Sensor Modules

Benefits:

• User-specific remote controls for commissioning and end-user operation

• Can be connected without the need for tools, compact design

• Detection through non-metallic materials

• Infinitely adjustable reach and time settings

• Continuous dimming daylight harvesting

• 100 – 240 V power supply for COM1 version

Remote controls for DALI-2 versions

RCS2 (service remote control)

RC4 (user remote control)

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SENSOTEC Sensor NET

Our most innovative sensors are interconnected via a Bluetooth mesh network and can be configured by app via the DALI bus.

HB PIR NET   HF2 NET   PIR NET   Satellite NET

Bluetooth mesh (SIG) interconnectable sensors:

* HF2 NET is a microwave sensor designed for built-in applications, these modules can be installed inside luminaires or other applications.

* PIR NET is a 360° passive infrared sensor with a presence detection zone of 4 x 4 m (presence and radial) or 6 x 6 m (tangential). With patented multi-segment pyro sensor.

* Satellite NET is used for extending the Bluetooth mesh network.

* HB PIR 3360 NET is a high-precision 360° infrared senor for High Bay applications with up to IP65 protection.

* HB PIR 345 NET has a coverage zone of 30 x 4 m infrared senor for High Bay applications with up to IP65 protection.

Our Value To OEM Customers

We offer extremely small infrared and microwave sensor modules equipped with the most sophisticated lens or antenna technology.

At the same time, the sensors provide the lighting control intelligence for individually tailored settings which is easily configurable and commissioned.

Resulting in maximizing cost savings.

Your light →

The basis for installation are luminaires which you have either already designed or looking to make.

Our sensor →

Available with various connections, our built-in sensors are compatible with several protocols.

Intelligence update

Your luminaire is now in a position, for example, to communicate via Bluetooth.

Steinel America
We are here for you!

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