



Q-SENSE MOTION SENSOR WITH 3-PIN BASE

Q-SENSE 09 SERIES

► **DESIGN** — Q-SENSE MOTION SENSOR WITH 3-PIN BASE is an energy-efficient smart lighting control solution designed for high-bay applications. It activates fixtures instantly upon motion detection and transitions to standby or off when no activity is present. High-precision detection technology ensures reliable performance at mounting heights up to 40 ft.

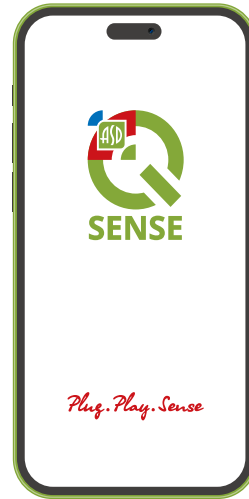
► **SMART CONTROL** — The Q-SENSE app provides on-site configuration of sensor settings and lighting behavior. Fixtures can be grouped, linked, and assigned operating modes using predefined templates or local adjustments. Scheduling supports both one-time and recurring on/off and dimming actions. Configuration profiles can be shared across users and devices with configurable access permissions. Integrated energy-consumption monitoring provides visibility into system performance.

► **SAFETY** — The Q-SENSE application is capable of operating fully offline, without requiring internet access. Local-only functionality minimizes security risks, enhances protection against unauthorized access, and ensures reliable operation even in restricted-network environments.

► **VARIETY** — This series includes both infrared (IR) and microwave (MW) sensors, catering to diverse needs. Infrared models are ideal for close-range precision, while microwave options provide extended range and sensitivity.

► **EMERGENCY BACK-UP** — The sensor is compatible with ASD emergency backup systems and automatically switches to emergency operation during power loss. When normal AC power is restored, the sensor returns to its programmed operating mode.

► **APPLICATION** — Sensor with a 3-pin base is an ideal quick-installation solution for most indoor and outdoor commercial lighting fixtures such as linear high bay lights, UFO high bay lights, area and canopy lights. IP65 housing ensures operation in wet locations.



ASD-QSENSE-MS-MW09WH
Microwave motion sensor smart 3pin



ASD-QSENSE-MS-IR09WH
Infrared motion sensor smart 3pin



ASD Q-SENSE is a professional mobile application for local configuration and management of smart motion sensors and connected Emergency Back-up kits directly on-site. The app lets you group devices by zones and floors, set schedules, and flexibly adjust brightness levels. Because all operations are performed locally - without cloud services or remote access - the system enhances security and data privacy and provides full control over lighting operation on your premises.



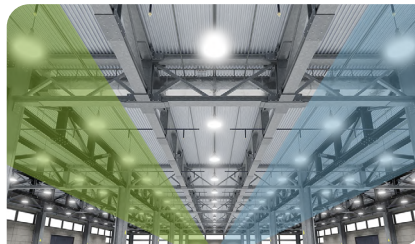
ADVANCED DEVICE CONTROL

Supports smart on-site parameter adjustments.



GROUP MANAGEMENT

Enables coordinated control of sensors and fixtures.



SCHEDULING

Allows one-time or recurring schedules for on/off and dimming actions.



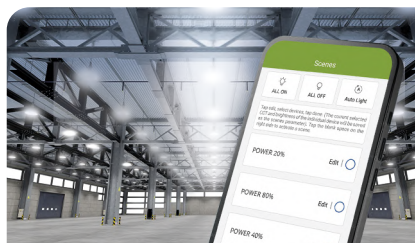
LINKAGE

Configure trigger-based responses within a group to execute predefined actions across fixtures.



OPERATING MODES

Provide multiple group operating modes and behavior settings.



SHARING & ACCESS

Share configuration settings across different phones with different access levels.



For most up-to-date spec sheets please refer to asd-lighting.com

ASD LIGHTING CORP

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For **ASD Q-SENSE sensors** download ASD Q-SENSE app and add the sensor to it according to the manual (download manuals and app from the links or scan the QR codes).

ASD Lighting provides a complete, turnkey service: we design the project, preconfigure sensors and select fixtures tailored to your needs, and deliver a ready-to-install package — you only perform the installation following our layout.

ASD Q-SENSE APP
download iOS



Q-SENSE APP
manual



ASD Q-SENSE APP
download Android



Q-SENSE
presentation



Q-SENSE
(project roadmap)



STEP-BY-STEP GUIDE: Adding a New Sensor

1. Open the Devices tab and tap the «+» (top-left).
2. Choose a search mode:
 - Quick Search — automatically scans for nearby sensors.
 - Location Search — manually set the number of devices and target group.
3. Tap «Search» to start scanning. Tap «Stop Searching» once devices appear.
4. Identification & setup: Tap a sensor icon to toggle the light fixture the sensor is connected to on/off (use this to identify the sensor).
5. Selection & confirmation: Select the sensors you want by tapping the circles on the right. Tap «Add» (top-right) to finish.
6. Reminder: a sensor must be in pairing mode to be found and added.

TROUBLESHOOTING:

Putting a sensor into pairing mode.

1. If the app doesn't detect a sensor, first make sure the indicator LED inside the motion sensor is blinking green, confirming the sensor is correctly installed in the fixture and operating normally.
2. Point the ASD-RC100LCD remote at the motion sensor, press «RESET», followed by «ON/OFF».
3. The Fixture the sensor is connected to will blink, indicating the sensor has entered pairing mode.
4. Return to the app and tap «Search» again.



ASD-RC100LCD
Remote control

ORDERING INFORMATION

Model	UPC	Pcs. in middle box	Middle box size	Middle box weight	GTIN 14 in middle box	Pcs. per carton	Carton size	Carton weight	GTIN 14 in carton
ASD-QSENSE-MS-MW09WH	81019020283	10	12" x 2,6" x 4,1"	0,1 lbs	10810190202835	50	14,37" x 13,58" x 5,71"	5,5 lbs	20810190202832
ASD-QSENSE-MS-IR09WH	81019020282	10	12" x 2,6" x 4,9"	0,1 lbs	10810190202828	50	14,37" x 13,58" x 6,50"	6,4 lbs	20810190202825
REMOTE CONTROL									
ASD-RC100LCD	81019020052	-	-	-	-	80	12,8" x 12,8" x 12,8"	25,2 lbs	10810190200527

PRODUCT SPECIFICATIONS:

Construction & Materials	
Housing	Plastic
Environmental system	
Work environment	Suitable for Wet Locations, IP65
Operating temperature	for MW models: -40°F to 158°F (-40°C to 70°C) for IR models: -4°F to 140°F (-20°C to 60°C)
Regular and voluntary certifications	
for IR, MW models: 5-year limited warranty	

PRODUCT PRESENTATION:

Model	Power	Voltage	Dimming	Finish	Dimensions
ASD-QSENSE-MS-MW09WH	-	12-24V	0-10 V	White	2-3/16" x 2-3/16" x 0"
ASD-QSENSE-MS-IR09WH	-	12-24V	0-10 V	White	2-3/16" x 2-3/16" x 0"
REMOTE CONTROL					
ASD-RC100LCD	Remote control for motion sensor		White	5-13/16" x 2-3/4" x 1"	

MOTION SENSOR INFORMATION:

Specifications	models: ASD-QSENSE-MS-IR09WH	models: ASD-QSENSE-MS-MW09WH
Detection area	25-100 %	
Hold time	0s-60min	
Daylight threshold	0-2500Lux	
Standby period	0s+∞	
Standby dimming level	0-100%	
Operating voltage	12 - 24 V	12 - 24 V
Operating current	> 50 mA	> 50 mA
Mounting height	max 40 ft (12 m)	
Detection range	3,3 - 26,2 ft (1-8 m)	3,3 - 26,2 ft (1-8 m)
Operating frequency	-	5,8 GHz ± 75 MHz
Transmitting power	-	< 0,2 mW

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