

## 5.8GHz Microwave Motion Sensor for LED High Bay, 1-10V Dimmable, IP65

### OVERVIEW

The HD406VRH is a 5.8GHz microwave motion sensor designed for internal mounting in LED high bay fixtures, including UFO, traditional aluminum reflector, and linear/tri-proof high bay configurations. It provides occupancy-based on/off switching and 1-10V dimming control, supporting bi-level operation with configurable hold time and standby dimming levels. Compatible with the HD03R remote for field programming without additional tools.


The sensor operates on 120–277VAC, 50/60Hz, and supports mounting heights up to 15m (49.21ft) with a maximum detection diameter of 14m (45.93ft). Detection sensitivity is adjustable at 25/50/75/100%. Daylight threshold settings range from 2 to 120 Lux or can be disabled. Standby dimming levels of 10/20/30/50% and hold times from 5 seconds to 30 minutes are field-selectable. Operating temperature range is -35°C to +60°C.

The sensor carries an IP65 rating, making it suitable for environments where dust ingress and water jets are a concern. The manufacturer states a 5-year warranty. Installers should note that microwave energy can penetrate walls or glass thinner than 20mm; installation in fully metal-enclosed spaces is not recommended.


### SPECIFICATIONS

<b>IP rating</b>	IP65	<b>Warranty</b>	5 years
<b>Input voltage</b>	120-277VAC VAC	<b>Operating temp</b>	-35 to +60 °C

### MOUNTING





Type C





Type D


highbay or linear/tri-proof high bay.  
Max. installation height is 15m/49.21ft. 1-10V Dimming.  
Remote control. 5 years warranty.


 On/Off Control


 Warranty


 Detection Area

 Stand-by period

 Daylight Sensor

 Stand-by dimming level

 Hold Time

 Remote Control

**Technical Data**

### CERTIFICATIONS & COMPLIANCE

**IP65**

IP65