

REMOTE INSTRUCTIONS

SPECIFICATIONS

Power Supply	2 x AAA 1.5V battery, Alkaline preferred (batteries not included)
Upload Range	Up to 49ft (15m)
Working Temperature	32°F-122°F (0°C-50°C)
Dimensions	6.89" x 2.20" x 1.08" (175 x 56 x 27.45mm)



WARNING

Remove the batteries from compartment if the remote will not be used in 30 days.

OVERVIEW

The remote control is a wireless configuration tool for remote setup of fixtures with the enabled sensors. This remote enables the fixture to be modified via push button without ladders or tools. It stores up to three sensor parameter modes to speed up configuration of multiple sensors.

The remote can send sensor settings up to 49 feet (15 m).

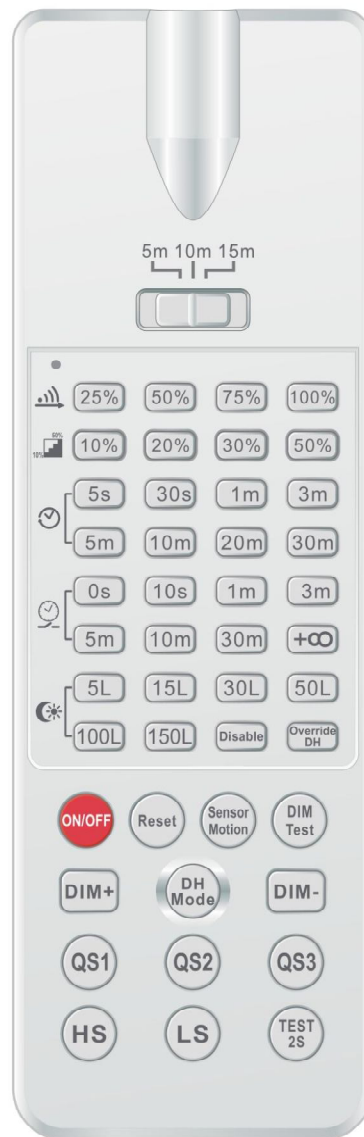
Remote Control and Default Settings Conversion

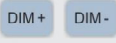
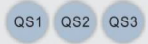
1. To convert the DIP switch settings to the remote control, press any button on the remote control except "RESET." The sensor settings will then convert to the function currently selected by the remote control. (No function button settings are considered invalid.)

2. To convert the remote control to DIP switch settings.

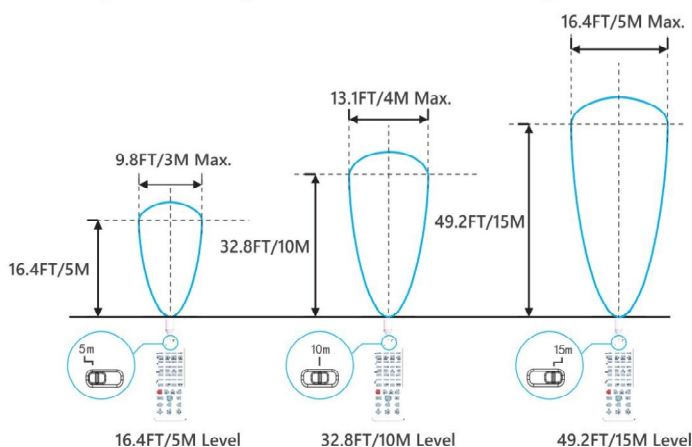
- Press the "RESET" button on the remote control to restore the DIP switch settings of the sensor.
- Turn off the power, toggle any DIP switch, and then turn the power back on. All settings will return to the DIP switch settings.

Note: Not all sensors have a DIP switch. Please confirm this in the specifications. For sensors without a DIP switch, pressing the "RESET" button will enter the factory setting.



BUTTON	REMARKS
	Press the "ON/OFF" button, the light enters the constant ON/OFF mode, and the sensing function is disabled. In the ON/OFF mode, the DIM+/DIM- function is available, it will maintain the same brightness after powering on again.
	Press the "Reset" button, and all parameters are the same as the DIP switch settings or factory settings. For the sensors without the DIP switch, pressing the "RESET" button will enter the factory setting.
	Press the "Sensor Motion" button, and the light reverts from the constant on/off mode, and the sensor starts working (The latest setting stays in use).
	Press the "DIM Test" button, and the 1-10V dimming works to verify whether the 1-10VDC dimming ports are connected properly. After 2s, it returns to the latest setting automatically.
	Long press for >3s, daylight priority mode will be switched to daylight threshold mode, with a preset daylight value. For the sensors without DH mode, this button is not in use.
	Set the occupancy light level in the range of 50%-100%, the dim level is changed 5% each time the Dim+/Dim- button is pushed.
	Long press for >3s, the sensor will be switched to daylight priority mode. If the preset daylight value is "Disable", the sensor will stay in daylight threshold mode.
	Press the QS1, QS2 & QS3 to program quickly. This product is a universal remote for compatible sensors. The corresponding parameters for the QS modes are shown in the sensor specifications.
	Press the "TEST 2S" button to enter the test mode at any time. In this mode, the sensor parameters are as below: Detection Area is 100%, Hold Time is 5s, Stand-by Dim Level is 10%, Stand-by Period is 0s, and the daylight sensor is disabled. This function is only for testing. Exit this mode by pressing "RESET" or any other function buttons.
	When the sensor is installed in a location with highly reflective materials such as metal, glass, etc... The sensor may not turn off. Press the "LS" button to enter low-sensitivity mode to reduce the reflections. Press "HS" to enter high-sensitivity mode. Note: 1. LS mode is only suitable when mounting height exceeds 26ft. Note: 2. Not all sensors are equipped with HS/LS mode, check specifications to confirm if it has this function.
	Daylight Sensor, set up the daylight threshold: 5Lux/15Lux/30Lux/50Lux/100Lux/150Lux/ or Disable.
	Stand-by Period, set up the stand-by time: 0s/10s/1min/3min/5min/10min/30min/or +∞.
	Hold Time, set up the hold time: 5s/30s/1min/3min/5min/10min/20min/ or 30min.
	Stand-by Dim Level, set up the stand-by dim level: 10%/20%/30%/ or 50%.
	Detection Area, set up the detection area: 25%/50%/75%/ or 100%.
	Remote Distance, this toggle button will set the remote control's distance for programming 16.4ft (5M)/32.8ft (10M)/49.2ft (15M).

The unique design allows the range of the remote control to be adjusted



FUNCTION

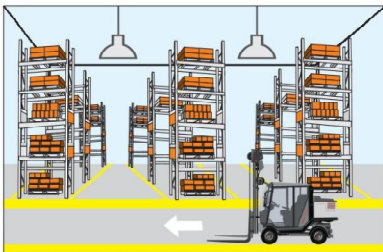
Before programming these functions, make sure the sensor is working in normal sensor mode.

Press the button "  " to enter this mode.

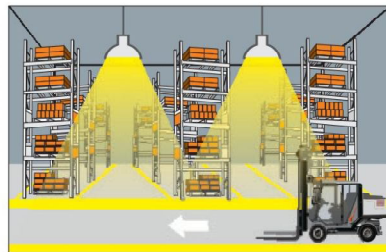
1) ON/OFF function

To use the ON/OFF function, press the corresponding buttons to set Detection Area, Hold time, Stand-by Period, and Daylight Threshold. See the following example for setting the detection area to 50%, the hold time to 30s, and the daylight threshold to 15lux. The programming steps are as follows.

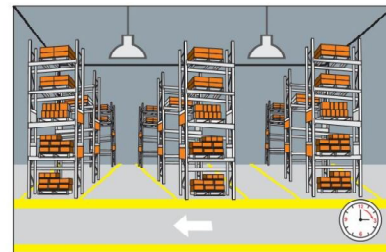
- A. Press the detection area button "  " and the light will flash.
- B. Press the hold time button "  " and the light will flash.
- C. Press the daylight sensor button "  " and the light will flash.
- D. The stand-by period setting must be 0s, press "  " and the light will flash.



A. With sufficient ambient light, the light will not switch on even if the sensor detects motion.



B. With insufficient ambient light, the sensor will switch on the light when motion is detected.

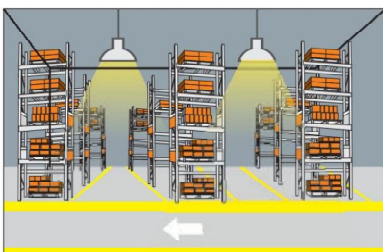


C. After the elapsed hold time, the sensor will switch off the light when no motion is detected.

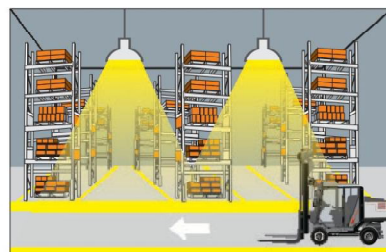
2) 2-step dimming function

To use the 2-step dimming function, the stand-by period must be set as "+∞". Press the button "  " and the light will flash. The detection area, hold time, stand-by dimming level, and the daylight threshold can be programmed for a user's requirements. See the following example for setting the detection area to 50%, the hold time to 30s, the stand-by dimming level to 20%, and the daylight threshold to 15Lux. The programming steps are as follows.

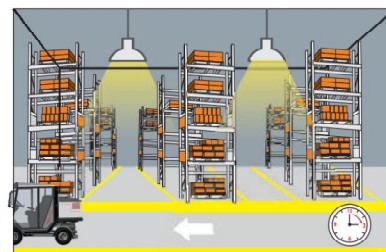
- a. Press the detection area button "  " and the light will flash.
- b. Press the hold time button "  " and the light will flash.
- c. Press the stand-by dimming level button "  " and the light will flash.
- d. Press the daylight sensor button "  " and the light will flash.



1. If there is no motion detected, the light will remain at the preset dim level continuously.



2. When motion is detected, the sensor will switch on the light to 100% brightness.

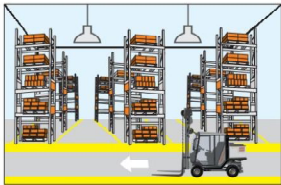


3. After the elapsed hold time, the sensor will dim the light to the preset dim level if no motion is detected.

3) 3-step dimming function

To achieve a 3-step dimming function, the detection area, hold time, stand-by period, stand-by dimming level, and daylight threshold can be programmed for a user's requirements. See the following example for setting detection area to 50%, hold time to 30s, stand-by period to 1min, stand-by dimming level to 20%, and daylight threshold to 15Lux. The programming steps are as follows.

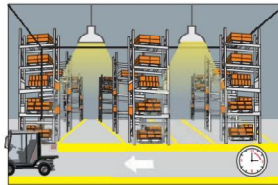
- A. Press the detection area button "50%" and the light will flash.
- B. Press the hold time button "30s" and the light will flash.
- C. Press the stand-by period button "1m" and the light will flash.
- D. Press the stand-by dimming level button "20%" and the light will flash.
- E. Press the daylight sensor button "15L" and the light will flash.



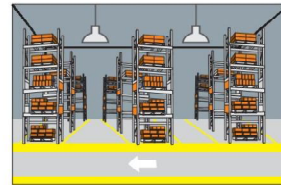
1. With sufficient ambient light, the light will not switch on even if the sensor detects motion.



2. With insufficient ambient light, the sensor will switch on the light when motion is detected.



3. After the elapsed hold time, the sensor will dim the light to the preset level if no motion is detected.



4. After the elapsed stand-by time, the sensor turns off the light if no motion is detected.

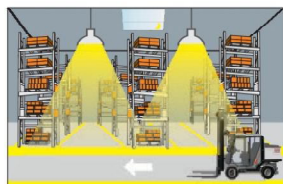
4) Daylight priority

Not all compatible sensors have the Daylight Priority function, check the specifications to confirm if it has the function. Long press the button "DH Mode" for 3 seconds to enter "Daylight Priority" mode. Then program the detection area, hold time, stand-by period, stand-by dimming level, and daylight lux per the user's requirements. In this mode, the ON/OFF daylight level is shown in the table below.

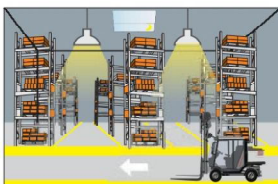
Press	Turn ON lux level	Turn OFF lux level	Press	Turn ON lux level	Turn OFF lux level
5L	5Lux	150Lux	50L	50Lux	150Lux
15L	15Lux	150Lux	100L	100Lux	200Lux
30L	30Lux	150Lux	150L	150Lux	300Lux



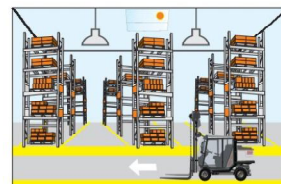
1. The light turns on at the low light lux level at 10% brightness.



2. When motion is detected, the light turns on at 100% brightness.



3. After the elapsed hold time, the light dims to 10% brightness if no motion is detected.



4. The light turns off at dawn when the high light lux level is met.