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	Product Configuration	Installation Steps	Tips	Battery Usage Tips
end way.	The Code button Inductive area Battery LED Light Holder Holder Sticker	Holder InstallationFix PIR in the HolderImage: Descent stressImage: Descent stress<	 Make sure PIR placed within the Z-Wave network range of gateway. PIR is recommended to be fixed at the height of 2- 4 meters off the ground. When install PIR, please keep it far away from places where air temperature changes sensitively, e.g., around air conditioners, refrigerators, stoves and so on. Furniture, large bonsai or other spacers shouldn't be placed within PIR's detection area. When installing PIR, please keep it away from stairs, elevators and other obstructions. Make sure these obstructions are outside of PIR's detection area. After instaling PIR, please test whether PIR works properly or not, if there is false alarm from PIR, please install PIR in another place. Direct association can be allowed between PIR and other Z-Wave network devices if preset association functionality. Z-Wave gateway will not take part in such communication. Using this mechanism, PIR can communicate with other devices even when gateway is damaged. 	Battery life of motion sensor is approximately 1 year. The power of battery would be displayed in the gateway. Red icon means battery needs replacing, and then mobile app would receive a message "power level is low, please remember to replace batter from gateway. In order to avoid false alarm, before replacing ba please disconnect association of motion sensor with other devi Note:PIR motion sensor is powered by battery, and please use battery in a correct way to avoid exploding. When handling the battery, refer to environmental law please. Detection Range PIR has to be installed in a corner of room or perpendicularly to door. Actual detection range of this sensor can be influenced by environment conditions. If there are false alarms reported, cheet there are any moving objects within sensor's detection area, su trees blowing in the wind, cars passing by, windmills. False mot alarms may be caused by masses of moving air and heat as wel sensor keeps on reporting false alarms, despite eliminating all of
	04	05	06	07
en ngs ult ED off is end ght	Associations This Sensor supports 4 association groups; each group supports max 4 associated nodes. This has the effect that when PIR sensor is triggered, all devices associated with it will receive relevant reports. Through association , PIR sensor can control another Z-Wave network device, e.g. a alarm device, wall plug, lamp etc. Every group can be supported to associate 4 devices max. GROUP 1 is lifeline service that assigned to motion sensor status - Open/Close. It enables PIR sensor to send reports and readings to Z-Wave Controller or Z-Wave Gateway whenever the sensor is triggered. This Group Support. NOTIFICATION_REPORT_V4 SENSOR_BINARY_REPORT_V2 SENSOR_MULTILEVEL_REPORT_V7 BATTERY_REPORT DEVICE_RESET_LOCALLY_NOTIFICATION GROUP 2 allows sending control commands to associated devices such as relay module, lighting, etc. This association	group is configured through the advanced parameters no. 2, 3, 5 and 8. This Group Support:BASIC_SET GROUP 3 allows Sending Notification to associated devices in this group. This Group Support:NOTIFICATION_REPORT_V4 GROUP 4 allows Sending Sensor Binary Report to associated devices in this group. This Group Support: SENSOR_BINARY_REPORT_V2 3	<section-header><text><section-header><text><text><text><text><text><text><text></text></text></text></text></text></text></text></section-header></text></section-header>	value must be large than Parameter 6#. Function: On/Off Duration Setting Parameter Number: 2 Parameter Size: 2 Byte Available Settings: 5 - 600(second) Default Setting: 30 3. Basic Set Level Basic Set Command will be sent where contains a value when motion sent triggered, Z-Wave gateway will take it for consideration; for instance, if a l module is received the Basic Set Command of which value is decisive as to bright of dim level of lamp module shall be. This Parameter is used to som associated devices. Function: Basic Set Level Parameter Size: 1 Byte Available Settings: 0, 1-99 or 255.0 – OFF, Alarm cancelling or turning a de off; 1 - 99 or 255 – ON (Binary Switch Device;Dim Level (Multilevel Switch D Default Setting: 255 ALPR Detecting Function Enabled/Disabled This parameter can enable or disable PIR detector detecting function. Function: Enabled/Disabled PIR Function Parameter Number: 4 Parameter Size: 1 Byte Available Settings: 0 or 255.0 – Disable PIR Detector Function:255 – Enable Detector Function Default Setting: 255
ause sor and on	Command:NOTIFICATION_REPORT Notification Type: NOTIFICATION_TYPE_HOME_SECURITY Event:NOTIFICATION_EVENT_HOME_SECURITY_MOTION_DETECTION_UNKNO WN_LOCATION Event Clear: Command Class: COMMAND_CLASS_NOTIFICATION, Command:NOTIFICATION_REPORT, Notification Type: NOTIFICATION_TYPE_HOME_SECURITY, Event:NOTIFICATION_EVENT_HOME_SECURITY_NO_EVENT Binary Sensor Report Command: Event Present: Command Class: COMMAND_CLASS_SENSOR_BINARY Command:SENSOR_BINARY_REPORT Sensor Type:SENSOR_MOTION Value:0xFF Event Clear: Command Class: COMMAND_CLASS_SENSOR_BINARY Command:SENSOR_BINARY_REPORT Sensor Type:SENSOR_MOTION Value:0xFF Event Clear: Command:SENSOR_BINARY_REPORT Sensor Type:SENSOR_MOTION Value:0x00 Multilevel Sensor This device embeds in a digital light sensor and a digital temperature sensor. The device measures the ambient light intensity and temperature with a certain time interval that decides by configuration No.7 and No.10.	Light Sensor Report Command Class: COMMAND_CLASS_SENSOR_MULTILEVEL Command: SENSOR_MULTILEVEL_REPORT Type : Luminance Scale : Lux Wakeup Command Class Motion sensor stays in sleep status for the majority of time in order to conserve battery life. The minimum wakeup interval is 300s The maximum wakeup interval is 16,777,200s (about 194 days) Allowable interval among each wakeup interval is 60second, such as 360, 420,480 Note: The default value is 12 hours. This value is longer, the battery life is greater. Battery Check Command Users can also enquire the battery status of motion sensor by sending BATTERY_GET command. Motion Sensor will send BATTERY_LEVEL = 0xFF command to Z-Wave gateway to inform that motion sensor is in dead battery status, otherwise BATTERY_LEVEL value range is 0% to 100%.	Command Classes This Sensor(Motion Detector) supports Command Classes as Below: * COMMAND_CLASS_ZWAVEPLUS_INFO (V2) * COMMAND_CLASS_VERSION (V2) * COMMAND_CLASS_MANUFACTURER_SPECIFIC (V2) * COMMAND_CLASS_DEVICE_RESET_LOCALLY (V1) * COMMAND_CLASS_POWERLEVEL (V1) * COMMAND_CLASS_BATTERY (V1) * COMMAND_CLASS_ASSOCIATION (V2) * COMMAND_CLASS_ASSOCIATION (V2) * COMMAND_CLASS_SOCIATION (V2) * COMMAND_CLASS_NOTIFICATION (V4) * COMMAND_CLASS_SENSOR_BINARY (V2) * COMMAND_CLASS_SENSOR_BINARY (V2) * COMMAND_CLASS_SENSOR_MULTILEVEL (V7)	 Cuarantee 1. The Guarantee is provided by our company (hereinafter "Manufacturer" 2. The Manufacturer is responsible for equipment malfunction resulting for physical defects (manufacturing or material) for 12 months from the date purchasing. 3. During the Guarantee period, the Manufacturer shall repair or replace at defects, free of charge. 3. In special cases, when the device cannot be replaced with the device of same type (e.g. the device is no longer available in the commercial offer), Manufacturer may replace it with a different device which has similar tech parameters as the faulty one. Such activity shall be considered as fulfilling obligations of the Manufacturer. The Manufacturer shall not refund more for the device. 3. The guarantee shall not cover: 3. Mechanical damages (racks, fractures, cuts, abrasions, physical deformations caused by impact, falling or dropping the device or other of improper use or not observing the operating manual). b. damages resulting from external causes, e.g.: flood, storm, fire, lightin accidents, theft, water damage, liquid leakage, battery spill, weather conducting unight, sand, moisture, high or low temperature, air pollution c. damages caused by malfunctioning software, attack of a computer wire for the software as recommended by the Manufacturer wire for the software as recommended by the Manufacturer.
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