

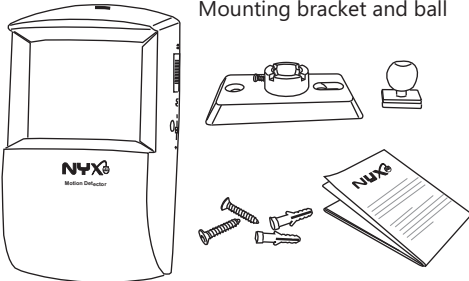


# Installation Guide for Motion Detector [NDET1210]

Thank you for choosing Nyx Motion Detector.

This product is a wireless motion detector that detect human movements and notifies the gateway unit in its network. This detector can be used for convenience or for security purposes.

- The Box Contains-**
- Motion Detector
  - Rawl plugs and Screws
  - Installation guide
  - Batteries
  - Mounting bracket and ball



### Technical Specifications

Operating voltage	6V(four AAA batteries)
Static current	<= 60uA
Battery life	12 months at standard conditions
Detect indication	Red LED flashes
Radio frequency	866 Mhz
Radio operating distance	50m line of sight
Operating temperature	-10deg C to +50deg C
Dimension	62mm x 105mm x 43mm
Detecting area	8m X110 deg. @ 2.2m mounting height.
Pet Immune	Below 15 Kg.

### Pre installation check list

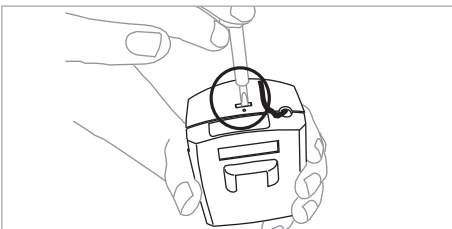
Avoid installations in places with stagnant smoke, heavy dust, water/oil mist, high humidity (>95%).

It should not be placed in a location, where there is direct air conditioner blow or high wind speed (>5m/s).

Install device at only indoor location.

### Product setup and configuration

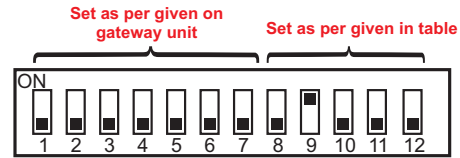
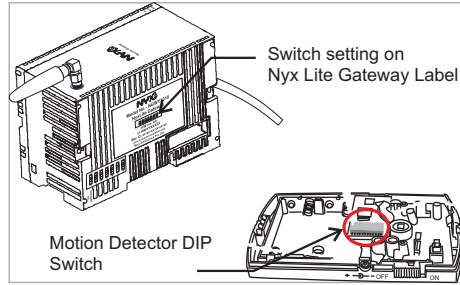
- Open the detector from top as indicated in fig. To open the latch, slightly push the screw driver inside the detector and move the handle forward.
- Remove the top cover.



### 3. Set the DIP switches as per instructions below:

**Note:**  
Make sure, DIP switches are set first and then batteries are inserted.

- There are total 12 DIP switches. First 7 DIP switches should be set as per the settings shown on your NyxLite Gateway module.

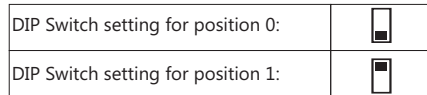


- The remaining 5 DIP switches (Switch 8 to 12) are meant for room location of the device. Choose the location and set the DIP switch setting as shown in below table:

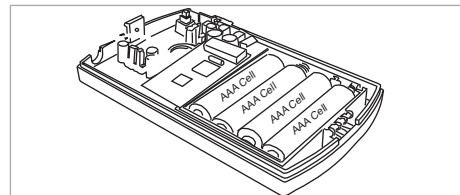
### Motion Detector

Entrance door	1	1	1	0	0
Back door	0	0	0	1	0
Terrace	1	0	0	1	0
Balcony	0	1	0	1	0
Dry balcony	1	1	0	1	0

### How to set DIP switch to 1 or 0:

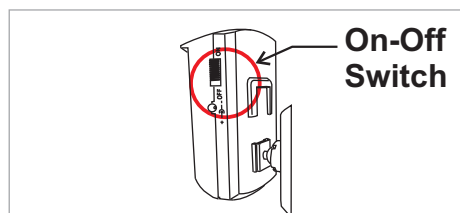


- Insert the 4 AAA battery cell as shown below:



- Match the bottom side of top cover with bottom case, and then lock the latch on top of the detector.

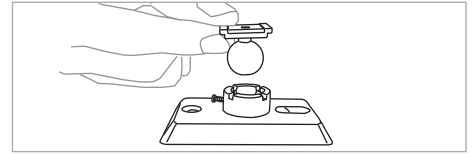
- Push switch on right side to ON position. The detector will warm up for the first minute by blinking a red LED once a second.



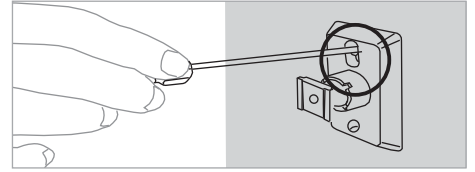
- On completion of warm up, activate detector by moving hand in front of detector and RED LED will glow for a second.

### Installation

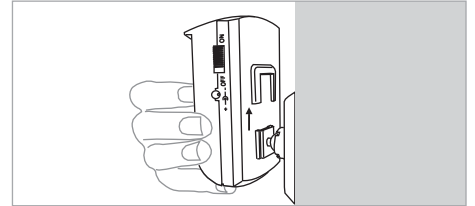
- Fix the ball mechanism in the mounting bracket.



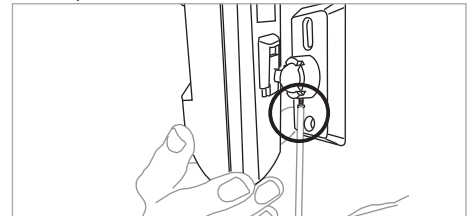
- Identify wall where the detector needs to be mounted. Install the detector at a height greater than 2.2 meter above floor level. Screw mounting bracket to desired location.



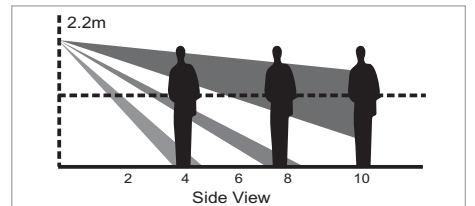
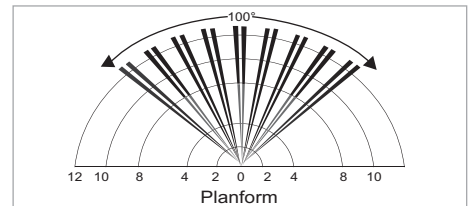
- Install the detector by sliding it over bracket as shown in fig.



- Ensure the detector has been placed and angled correctly to read in the right arc as expected. Tight the screw of ball mechanism after position is fixed



### Chart of Detective Range



### Troubleshooting

- Detector does not enter in warm up mode.
  - Ensure batteries are inserted properly.
  - Use new batteries.
  - The ON switch is set to right position.
- On Detection of movement detector LED blinks but no indication on gateway side.
  - Check DIP switch position on detector.
  - Ensure that detector is in range of gateway.
  - Restart the unit using On-Off switch.
  - Contact technical support.