

Step 4 Setup the installation height selection from DIP1-2 to match the detection range processing

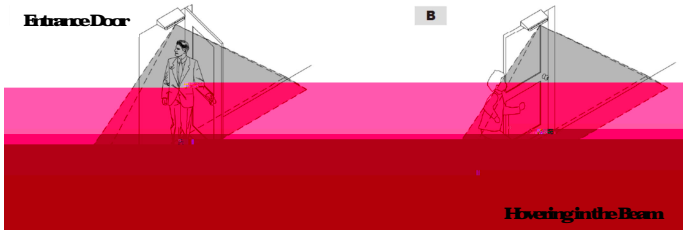


Table 2 Installation Height
(Ceiling & Wall Horizontal installation recommended)

DIP1	DIP2	The installation height from ceiling or wall
OFF	OFF	25M
OFF	ON	30M
ON	OFF	35M
ON	ON	40M

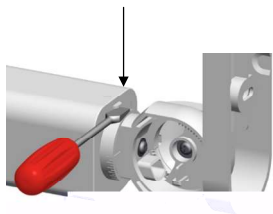
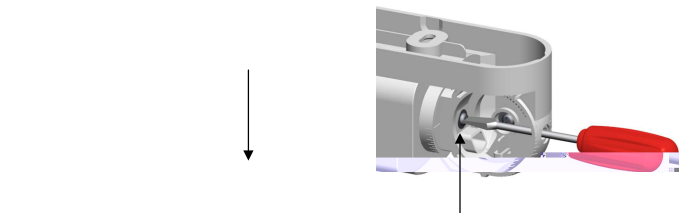
Step 5 Setup the detection mode and function with DIP3-6 define the PIR detection sensitivity, Anti-Pet, and tamper fault trouble since the detector is equipped with an advanced 3-axis accelerometer to protect it from unauthorized removal

Table 3 PIR detection setup and tamper fault

DIP3-6	Function	Setup and Description
3	Sensitivity	ON High OFF Low
4	Pet/Immunity	ON 15kg OFF Sharp Mode*
7	Wall Tamper	ON Disable OFF On Alarm relay**
8		

**Wall tamper selection

When remove detector from wall or ceiling after detector in the work mode, wall tamper trouble will occurred, the alarm relay will output locked and LED will display in yellow steady until next cold start, so the zone of the detector will generate alarm when the zone is in alarm status



- ⚠** Before stating the mounting the bracket, make sure that:
- the wall does not have any pronounced depressions or protrusions;
 - install the detector on rigid surfaces, free of vibrations;
 - avoid to fix the detector near to heat sources or at direct sunlight;
 - avoid electromagnetic energy reflection on wide surfaces such as mirrors, metal walls, etc.;
 - avoid to fix the detector in front of fluorescent lamps or in proximity of them.

Step 3 Open the detector body cover and connect the Wires to the terminal blocks according to the following Wiring assignment

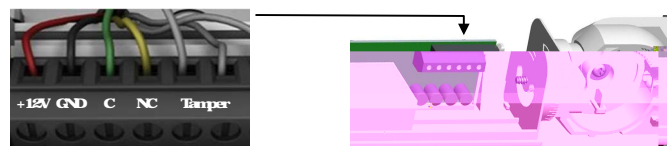
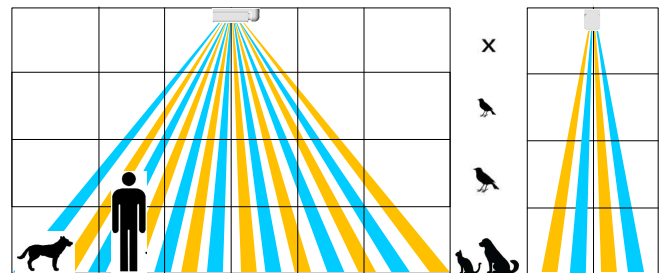


Table 1: Wiring Assignment

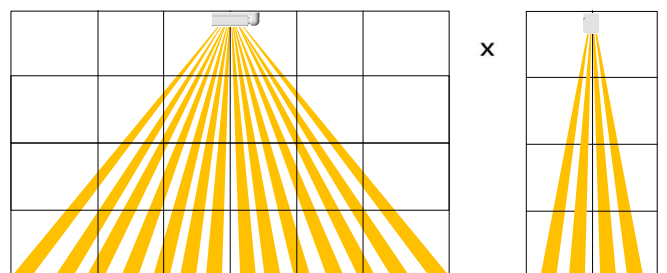
Terminal Connector	Mark	Recommended Wiring Assignment
1	+12V	Power input 9-18MDC
2	GND	Power Minus(-)
3	C	Alarm Relay Output (NC)
4	NC	With wall tamper optional indication
5	Tamper	Detector body tamper indication
6		

⚠ An innovative anti-tamper function based on a 3-axis accelerometer; used as tampering and positioning sensor to detect and protect it from unauthorized removal from the wall or ceiling



*Sharp mode selection

NV90 can setup the PIR detection in only Sharp mode, in this mode, Pet will be detected, dual Mirrored PIR optics lens and two independent sensors signal will combine as OR mode, any trigger by detection unit 1 or unit 2 will generate alarm, so this mode only use in high security requirements or no Pet environments



Step 6 Setup the detection activation sound schemes and scenarios with DIP78 for the per-alarm or time purpose, NV790 has an internal buzzer can perform selectable 4 scenarios of sound schemes

DIP5	Setup and Description
OFF	
OFF	
ON	
ON	

