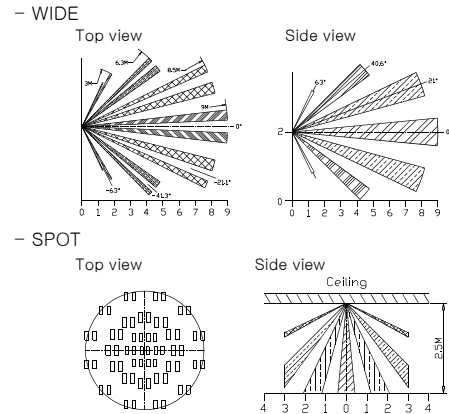
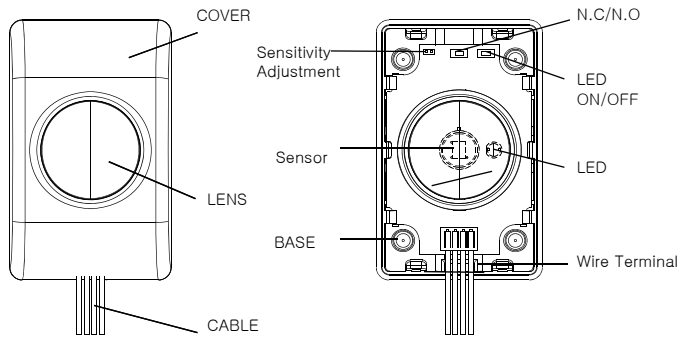


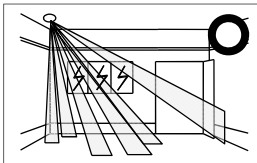
**Passive Infrared Detector  
PA-4109W**

**Notice :** This detector is designed to detect an intruder and to sound alarm when detected; it is not to prevent burglary. We are not responsible for damage or losses from accident, theft, natural calamity, misuse, abnormal use, improper installation and bad maintenance.

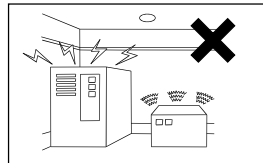
**1. Description & Coverage and Range**



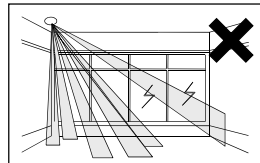
**2. Cautions on Installation**



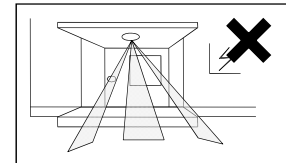
Please install the detector in the desirable detection site.



Please avoid installing it where electric noise and vibration is prevalent.



Please avoid direct sunlight to the detector.

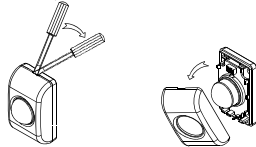


Please do not install the detector outdoor. (Indoor use only)

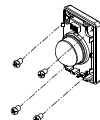
**3. Installation**

**- Wall Installation**

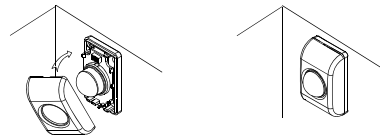
1) Separate the cover



2) Mount the detector on the wall.

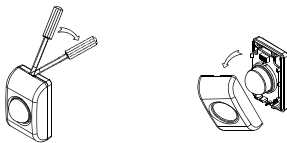


3) Close the cover.

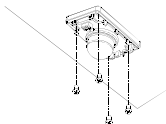


**- Ceiling Installation**

1) Separate the cover



2) Mount the detector on the ceiling.

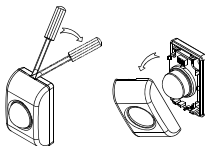


3) Close the cover.

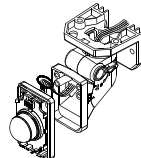


**- Bracket Installation**

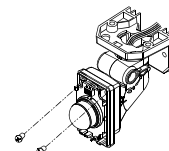
1) Separate the cover



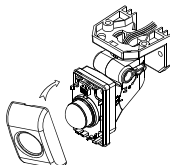
2) Connect the cables together.



3) Install the detector on the bracket.



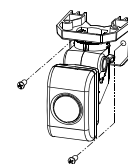
4) Close the cover..



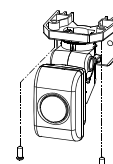
5) Lock the lever in the bracket.



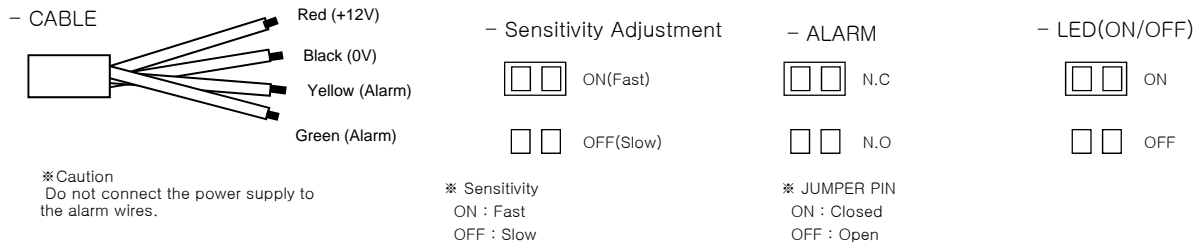
- Wall mounting



- Ceiling mounting



## 4. Wiring & JUMPER PIN

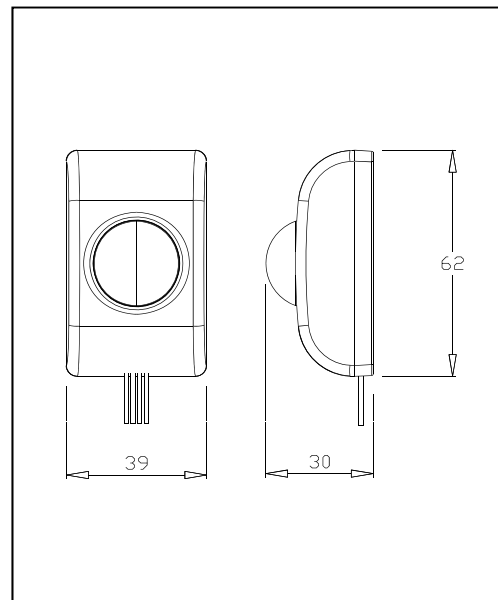


## 5. Troubleshooting

Symptoms	Cause	Solution
When LED is not turned on,	Lines of electricity source are cut.	Check the lines
	Electricity source is not correct.	Check it to DC 8 ~ 18V
No contact point although it is set	Cutting lines or abnormality of inner circuit	Check the lines of connection
No contact point when detected	Cutting lines or abnormality of inner circuit	Check the lines of connection
LED is not working when detected	Cutting lines, LED broken down or abnormality of inner circuit.	Check the lines of connection
When there is abnormal working	There is dirt on the cover	Remove dirt with soft cloth
	When it is exposed to direct ray of light	Install it to another place or block the light
	When it can't detect normally	Adjust the scope of alert

## 6. Specification & Dimension

Model	PA-4109W
Description	Passive Infrared motion detecting
Detection Range	WIDE Angle : 9m / SPOT : 6m
Zone	31 Pairs (62 Zone)
Supply Voltage	DC 8 ~ 18V (Polarity)
Current	25mA (MAX)
Alarm Output	Dry Contact Relay Output (NC/NO)
Temperature	-20℃ ~ 60℃
Mounting Site	Indoor
Material	COVER, BASE: ABS resin / LENS: PE resin
Dimension	39 x 62 x 30mm
Weight	27g
Features	Auto Sensitivity Inhibition Control, etc.



※ Caution : This specification may be changed without prior notice for development

*Delton*

1141 Budapest, Fogarasi út 77.      1095 Budapest, Mester utca 34.  
Tel.: \*220-7940, 220-7814, 220-7959,      Tel.: \*218-5542, 215-9771, 215-7550,  
220-8881, 364-3428 Fax: 220-7940      216-7017, 216-7018 Fax: 218-5542  
Mobil: 30 531-5454, 30 939-9989      Mobil: 30 940-1970, 20 949-2688

E-mail: delton@delton.hu Web: www.delton.hu

**www.saso.hu**