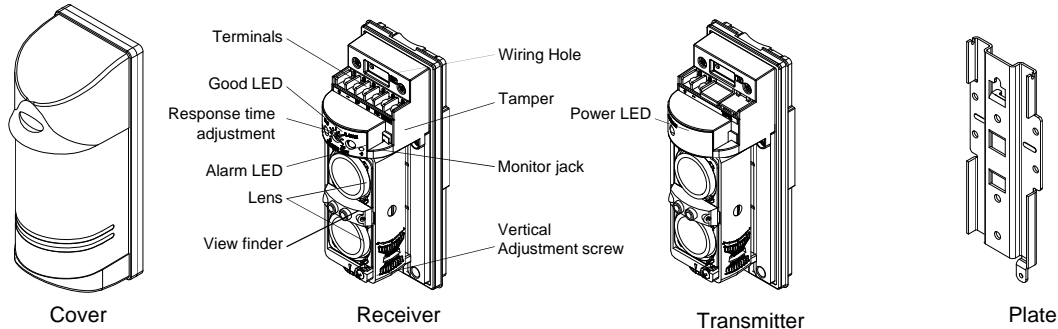


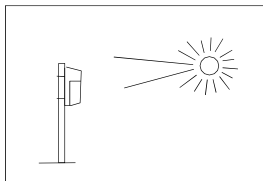
**Photoelectric Beam Detector
PB30-S/PB60-S**

Please note : This sensor is designed to detect intrusion and to initiate an alarm, it is not a burglar-preventing device. Maker is not responsible for damage, injury or losses caused by accident, theft, natural disasters, abuse, misuse, abnormal usage, faulty installation or improper maintenance.

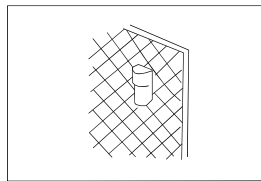
1. Description



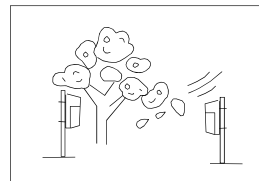
2. Cautions on Installation



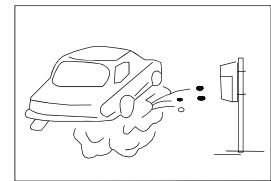
Avoid strong light from sun, automobile head-lights etc. shining on transmitter or receiver



Do not install the unit on unsteady surfaces.



Do not install in a site where beam may be interrupted by trees or plants, consider seasonal changes.

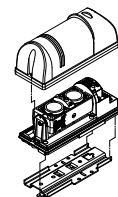
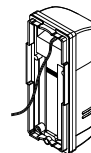
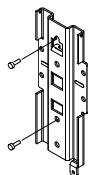
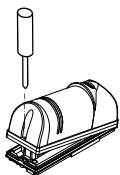


Do not install in places where units may be splashed continuously by dirty water or direct sea spray.

3. Installation Hints

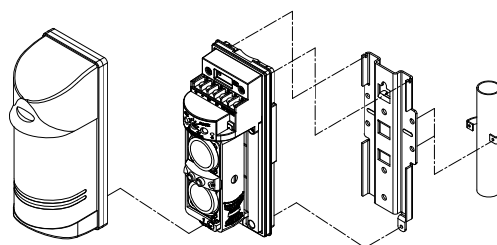
3-1. Wall mount

- ① Remove cover from unit and slide the mounting plate to detach it.
- ② Break grommet on mounting plate and pull wire through it. Secure the plate with 4mm screws.
- ③ When exposed wired, break knock-outs on the rear of unit, pull wire through as the figure and attach it to the mounting plate.
- ④ After wiring is completed, adjust alignment, check operation and attach cover.



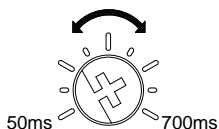
3-2. Pole mount (Pole size : $\Phi 38 \sim \Phi 44$ mm)

- ① Remove cover from unit and slide the mounting plate to detach it.
- ② Attach pole brackets to pole and secure to mounting plate with screws.
- ③ Attach sensor body.
- ④ Pull through wire.
- ⑤ Connect terminals.
- ⑥ After wiring is completed, adjust alignment, check operation and attach cover.



4. Response time

Response time adjustment



1. Run at full speed (6.9m/s) - 50msec.
2. Walk with quick steps (1.2m/s) - 200msec.
3. Walking (0.7m/s) - 300msec.
4. Walk with slow steps (0.5m/s) - 500msec.
- 5-6. Go over a fence(0.3m/s) - 700msec.

