

# TRIPLE PHOTOELECTRIC DETECTOR

ABE-50F ABE-100F ABE-150F ABE-200F ABE-250F

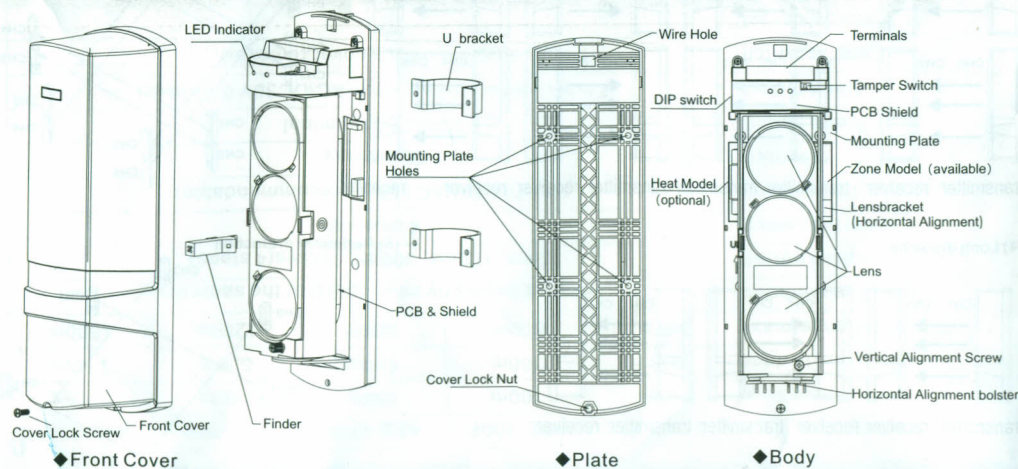
◆ Thanks for purchasing triple photoelectric detector, Please read the user manual carefully before installation.

<b>WARNING</b>	Do not use the product for purposes other than the detection of moving objects such as people and vehicles. Do not use the product to activate a shutter, etc., which may cause an accident.
	Do not touch the unit base or power terminals of the product with a wet hand (do not touch when the product is wet with rain, etc.). It may cause electric shock.
	Never attempt to disassemble or repair the product. It may cause fire or damage to the devices.
<b>CAUTION</b>	Do not exceed the voltage or current rating specified for any of the terminals during installation, doing so may cause damage to the devices.
	Do not pour water over the product with a bucket, hose, etc. The water may enter, which may cause damage to the devices.
	Clean and check the product periodically for safe use. If any problem is found, do not attempt to use the product as it is and have the product repaired by a professional engineer or electrician.

## 1. Features

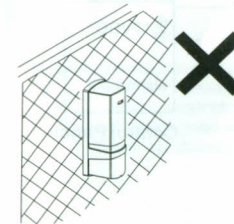
- Interruption time adjustable
- N.O./N.C Relay
- Internal tamper function (stacking installation only for same model)
- Frequencies selectable for long distance and stacking installation
- LED display signal grade for easy alignment
- Wide voltage and energy-saving design
- Digital communication function
- Intelligent heater to avoid fog & ice freeze
- IP 65
- Alignment angle horizontal  $\pm 90^\circ$ , vertical  $\pm 10^\circ$

## 2. Parts Identification

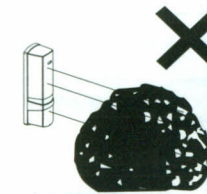


## 3. Installation notes

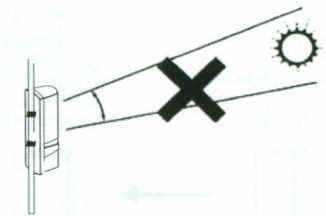
1. Please avoid below situations to assure performance!



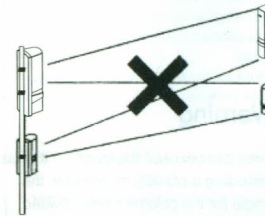
① Do not install on the unsteady or not soiled surface.



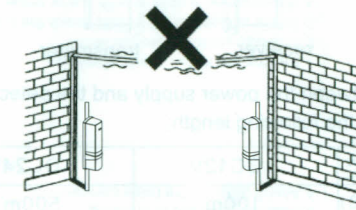
② Do not install the unit where objects can block the beams like the plants and laundry can be moved by wind.



③ Prevent direct sunlight or fluorescent lamp from entering into internal receiver.



④ Avoid any other detector interference (stack installation only for same model)



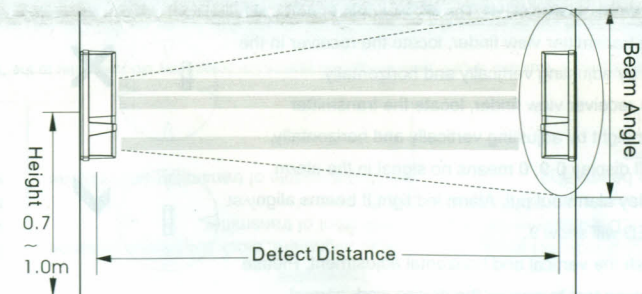
⑤ Avoid aerial wiring.

2. Normal installation

◆ Detect distance

Model	Outdoor Distance	Beam Angle
ABE-50F	50m	1.6m
ABE-100F	100m	2.0m
ABE-150F	150m	2.6m
ABE-200F	200m	3.4m
ABE-250F	250m	4.4m

◆ Installation height



◆ Adjusting Angle

