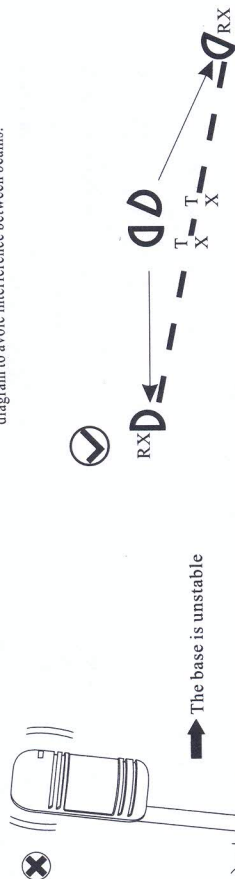


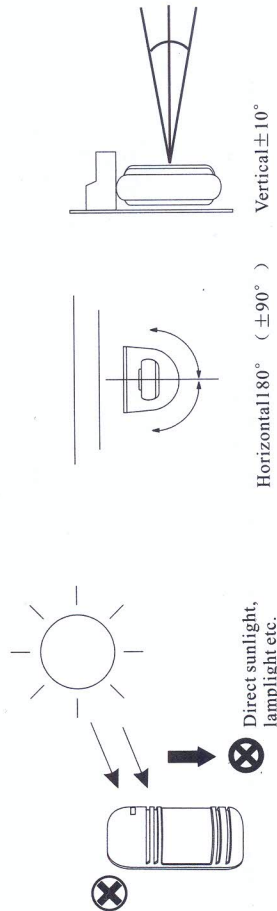
III. Precautions for setting:



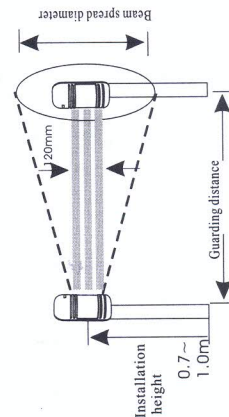
Multi sensors may be used for long-distance guarding. Please install according to the below diagram to avoid interference between beams.



● Adjustable angle: horizontal $\pm 90^\circ$
vertical $\pm 10^\circ$



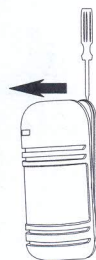
Horizontal $180^\circ (\pm 90^\circ)$ Vertical $\pm 10^\circ$



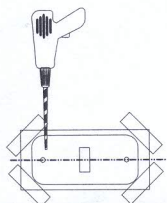
Style	Guarding distance	Beam spread diameter
ABE-50B	50m	1.5m
ABE-75B	75m	2.3m
ABE-100B	100m	3.0m
ABE-125B	125m	3.8m
ABE-150B	150m	4.5m
ABE-180B	180m	5.4m
ABE-200B	200m	6.0m
ABE-250B	250m	7.5m

IV. Setting procedure

1. Remove the cover



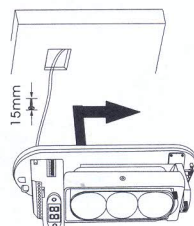
2. Attach the paper stencil onto the location where the equipment is to be mounted, and drill the holes in the positions on its mark.



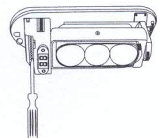
3. Put the cable through the hole for wiring.



4. Fix the main body onto the wall.

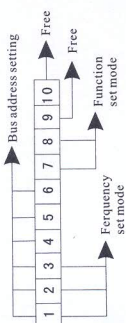


5. Connect the cable to the wire terminal.

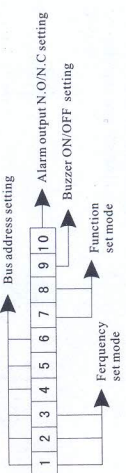


6. DIP switch

Transmitter



Receiver



DIP	1	2	3	4	5	6	7	8
1	OFF	ON	OFF	ON	OFF	ON	OFF	ON
2	OFF	OFF	ON	ON	OFF	OFF	ON	ON
3	OFF	OFF	OFF	OFF	ON	ON	ON	ON

Table 1

DIP	Signal strength display mode	Set frequency	Set address of BUS	Address and frequency alternating display mode
7	ON	ON	OFF	OFF
8	ON	OFF	ON	OFF

Table 2

Function setting (table 2)

- Set frequency: set DIP 7 at ON, DIP 8 at OFF to enter the frequency setting mode, the digital display shows the frequency. Set frequency on DIP 1, 2, 3. see table 1.
- Set address of BUS: set DIP 7 at off, DIP 8 at ON to enter address setting mode. The digital display shows the address number, set the address on DIP 1, 2, 3, 4, 5, 6
- Signal strength display mode: Set DIP 7 at ON, DIP 8 at ON to enter signal strength mode, the digital display shows the signal strength. The DIP 1, 2, 3, 4, 5, 6 under this mode is free.
- Address and frequency alternating display mode, set DIP 7 at OFF, DIP 8 at OFF to enter address and frequency alternating display mode, The DIP 1, 2, 3, 4, 5, 6 under this mode is free.

Frequency setting: First enter the frequency setting mode (see table 2), Then set DIP 1, 2, 3 to set the detector's frequency. (see table 1)