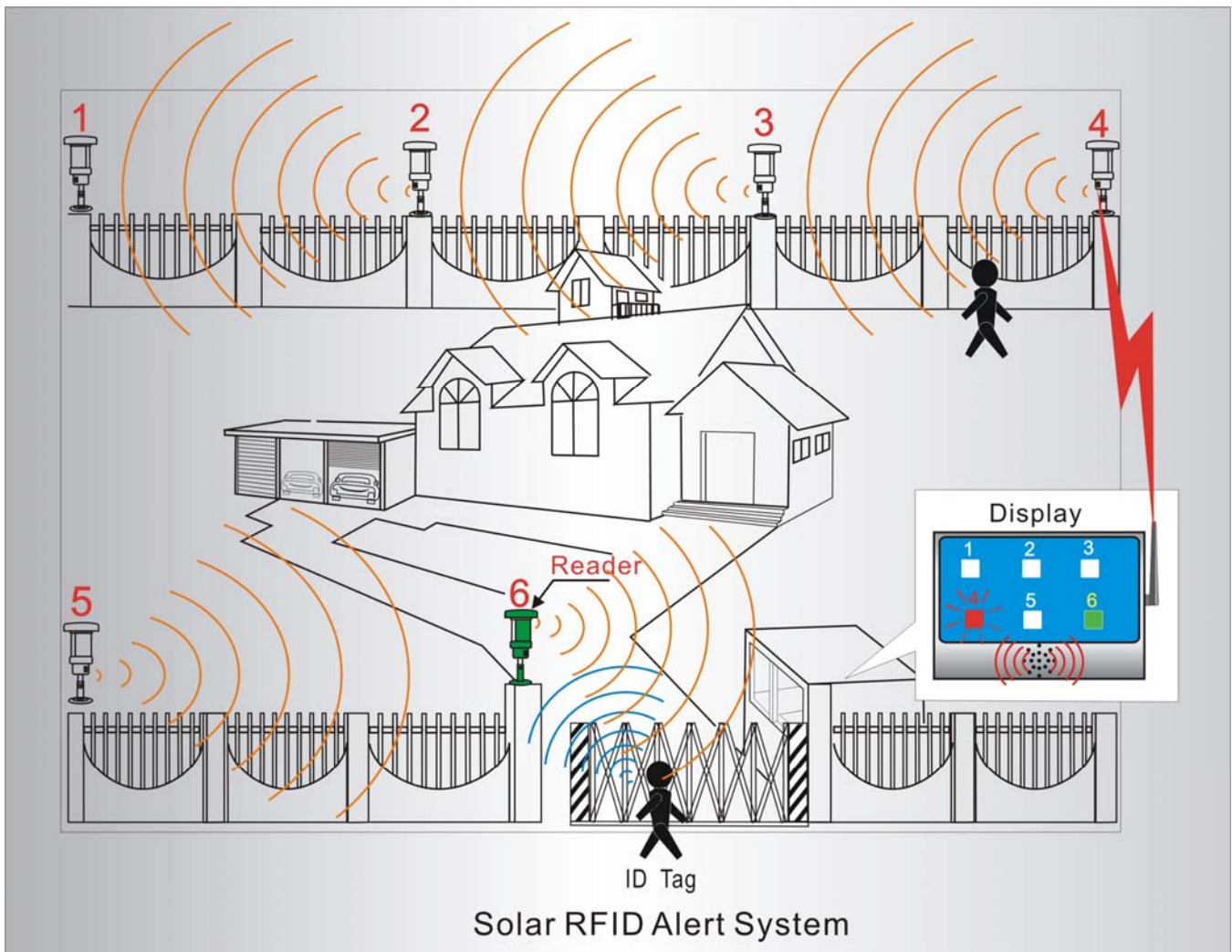


Solar RFID Alert system



1. Name: Solar RFID Alert System

2. System construction:

(1) Solar lamp with RFID function:

- 1). Housing;
- 2). Solar panel;
- 3). Rechargeable battery;
- 4). LEDs;
- 5). PIR module;
- 6). RFID reader;

(2) Alert panel:

- 1). Indication lamp;

2). speaker

(3) RFID Tag

1). Tag IC

2). Tag antenna

3. Function:

(1) Solar lamp with RFID Function:

1). Mounted around actual application area;

2). Charge the battery during daytime;

3). Supply light while anybody passes by, and meanwhile read the ID of the person pass by.

if ID read, supply light to its surroundings normally, otherwise, the lamp will transmit a signal to the alert panel in the monitoring room.

(2) Alert panel:

1). Flash when receive signal from the solar lamp.

2). Alert while invasion occur.

4. Application: Can be widely used in garden, district, etc, as a RF indication device.