

## PD-LUX 24.125GHz Microwave Motion Sensor PD-V11



### Main Features:

- 1.Low wireless power output
- 2.Low power consumption
- 3.Non-contact detection
- 4.Easy to connect with the controller
- 5.Low noise

### Specifications:

| Parameter                  | Notes | Min    | Typ    | Max    | Units |
|----------------------------|-------|--------|--------|--------|-------|
| Frequency setting          | 1     | 24.050 | 24.125 | 24.250 | GHz   |
| Radiated power(EIRP)       | 1     | 2.0    | 2.5    | 3.0    | mW    |
| Settling time              |       | 5      | 10     | 20     | μSec  |
| Received signal strength   | 2     | 150    | 200    | 250    | μVp-p |
| Noise                      | 3     | 4.0    | 4.5    | 5.0    | mVrms |
| Supply voltage             |       | 4.75   | 5.0    | 5.25   | VDC   |
| VCO                        |       | 0.5    |        | 2      | V     |
| Current consumption        |       | 25     | 35     | 45     | mA    |
| Pulse repetition frequency | 4     | 1.8    | 2.0    | 3.0    | KHz   |
| Pulse width                | 4     | 10     | 20     | 30     | μSec  |
| Operating temperature      |       | -20    | 25     | 60     | °C    |
| Weight                     |       | 3.7    | 4.1    | 4.5    | g     |