



HB100

Microwave Doppler Wireless Motion Sensor



- HB100 Miniature Microwave Motion Sensor is an X-Band Bi-Static Doppler transceiver module.
- It has a built-in Dielectric Resonator Oscillator (DRO) and a pair of Microstrip patch antenna array, making it ideal for usage in motion detection equipment.
- This module is ideal for alarms, motion detectors, lighting control, vehicle speed measurement, and automatic doors.
- Low current consumption (typical 30 mA)
- CW or pulse operation
- Flat profile
- Long detection range (20 m)
- Supply voltage: 4.75V to 5.25V
- X-Band Frequency: 10.525 GHz
- Minimum Power Output: 13 dBm EIRP