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