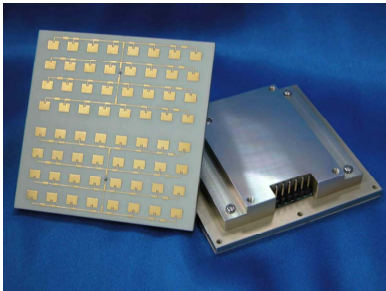


Microwave Sensor System

A microwave sensor system of the present invention to achieve the above object comprises a plurality of sensors each having a different phase that transmit microwaves toward a detection area and that receive microwaves reflected from the detection area; a determination unit that determines whether or not the microwaves have been received by the sensors; and a measurement unit that computes the respective phase differences of the microwaves received by the a plurality of sensors when the determination unit has verified reception of the microwaves and computes the distance from the sensors to a target serving as a detection target within the detection area. The measurement unit measures detection error on the basis of the computed phase difference, the computed distance and a preset frequency difference. The measurement by the measurement unit includes detection error resulting from the presence of moisture such as rainfall in the air between the sensors and the target, detection error that the system has, and detection error obtained by adding these detection errors together. The detection error resulting from moisture sharply increases as the preset frequency difference becomes larger and the detection error that the system has



Df_Microwave_Sensor_Module



Hb_Series_Microwave_Sensor_Module



Microwave_Sensor_Modulle



Lb_200_Microwave_Sensor_Module