

Applicant: TRIUMPH BOARD
FCC ID : YIP91001

Operation Description

When the sensor receives the infrared and ultrasound signals, the amplifier circuit on the module will first deal with them to amplify. Amplified signal enter the AD converter to sample, then the ARM processor will analyze the sampling results, and calculate the real-time coordinate. At last the real-time coordinate will be sent through 2.4G RF module.

The transmitter utilizes SMD chip antenna. Common grounding on PCB is not connected to real external ground. Power supply is DC 5V by USB terminal.