

LEE-552BTW/ LEE-243BAL WORKING PRINCIPLE

1. LEE-243BAL is the B/W camera of 2.4GHz wireless transmitter system, which consists of four parts:
 - A. PIR motion detector: Consist of PIR sensor, IC LM324 and appendix components, It can engender 500Hz control signal, and startup power to begin working.
 - B. POWER SUPPLY PART: Consist of IC LM7805 and appendix components. It can provide stable power to the CMOS CAMERA and 2.4G TX MODULE when the power voltage is not stable.
 - C. CMOS CAMERA PART: Single chip 1/4 inch format video image sensor, generates composite video signal, while additional audio-amplifying circuit diagram can amplify the weak signal from microphone.
 - D. 2.4G MODULE PART: modulate Video, Audio and 500Hz control signal to 2.4G Band and send out.