

Circuit Description of transmitter

SB-101BWL is the B/W camera of 2.4GHz/49.86MHz wireless doorbell, which consists of 4 parts:

- A. 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.
 - B. 2.4G MODULE PART: modulate Video and Audio signal to 2.4G Band and send out.
 - C. MCU & 49.86MHz MODULE PART: sends out coded signal to monitor, receives 49.86M audio signal from monitor then sends to the audio amplifier, and receives the "released" signal then sends to the unlock unit.
- POWER SUPPLY PART: supplies power to camera, audio amplifier, 49.86MHz module and the unlock unit.