

2.4GHz Wireless Camera transmitter

Operation Description

1. The video camera outputs audio signals and video signals to transmitter.
2. The audio signals will be mixed with mid-frequency of 6.5MHz of the transmitter.
3. The processed audio signals together with the video signals are oscillated by 2.4GHz, then amplified to output circuit then RF output.
4. Phase-locked loop circuit is used to stable the transmitted frequency.
(The principle is to detect output, when the transmitted frequency is deviated from the designed frequency, the phase-locked loop circuit will send a control signal to change oscillating frequency to stable the transmitted frequency).