

**Circuit description:**

**This device uses a small power transmitter to transmit video and audio.**

**The circuit contains a simple board lens Camera, a Micphone with Mic Amp and a TX module.**

**In the TX module, there are FM video and audio modulators. The video is directly modulated on the main RF carrier through a PLL oscillator and a 4 in 1 DIP switch which is to select the Main Carrier Within 2400-2483 MHz. The audio is modulated through a sub carrier frequency of 6.0 MHz which is combined together with the main carrier.**

**The modulated carrier is transmitted through a low power RF amp and a  $1/4 \lambda$  wavelength ANT.**