

## **Wireless camera kit(SH02) Operational Description**

The Wireless camera kit(SH02) as back-up camera system or baby monitor which consists of a wireless camera, a wireless receiver, and needed accessories. The product kits is portable per build-in polymer lithium battery . The camera features one CMOS image sensor to capture image and change to video signal , a transmitting module modulate the video signal with FM mode to 2.4GHz frequency signal and transmit by antenna. The receiver features a receiving module to receive the 2.4GHz video signal and demodulation to composition video signal, a decode IC process the video signal and display on TFT LCD.

The power supply of camera is a build-in polymer lithium battery, The battery can be recharged with +12V DC power by a charge cable from a car .

The product kit working at a transmission mainly frequency 2414MHz, 2432MHz, 2450MHz and 2468MHz which following in ISM 2400MHz ~ 2483.5MHz. The signal modulation type is FM.

The camera with a omni antenna, the gain is  $2\pm 1$  dBi