

## The Camera work principle

The camera transmitter is made up of two parts: Video unit (OV7950) & Wireless transmission Unit (GP629 module). The image signal collected by the camera passes through COMOS OV7950 and then changes to be the color video signal (300k pixels). The power of the main chip (3.3v/1.8v/5v) all use the 3 output manostat with high precision and low watt consumption to supply power. The output video signal modulated, amplified and filtered by broad band when it makes use of the wireless transmission GP629 module. Finally the signal of the carry frequency 2414GHZ is emitted by the antenna.