

### **The Work Theory Of HQ-2000AV Series**

The transmitter of 2.414 GHz frequency point change the outside active picture into image signal through the camera. And the outside sound is changed into electric signal with microphone. Then it is changed into audio frequency signal through audio frequency amplifier. The A/V signal are transmit into the space by magnify handle after changed into 2.414GHz high frequency signal that are modulated from modulate handle circuit.

The 2.414GHz high frequency carrier wave signal from transmitter are demodulated into A/V signal through the antenna of receiver after handled by demodulate circuit. The audio frequency signals are deoxidized to sound through audio frequency handle circuit and to be sound out through control-exchange circuit. Meanwhile, the video frequency signals are demodulated to raster through video frequency handle, scanning and synchronism circuits. After CRT works normal, The image is exchanged into image through control-exchange.