

**Applicant: Shenzhen Lian Yi Da Science Co., Ltd.**

**FCC ID: RAWLYD208CA**

#### **Operational Description**

208CA wireless transmitter module intended for in 2410~2480MHz wireless A/V signal Sender and Receive set as RF output modulator, which converts the FM video and audio signal into the RF signal for TV or monitor.

- 1) This circuit modulates the voice or data onto a carrier frequency using FM. The modulated carrier signal is amplified and feeds to the antenna.
- 2) The audio signal picked up by the microphone is a very low – signal A microphone amplifier is used to amplify this signal so that it can be transmitted.

This device has an outside antenna. And this device can also be seen as a portable device with the monitor and can use within 30 feet indoor or 120 feet if without obstruction. You can fix the device on a table or wall by screwing the mounting base. To fix the device, please follow the installation. And please make sure the supervision and monitor are set the same band before in use.

#### **Specification for 208CA wireless camera:**

* Transistors frequency :	2410~2480MHz
* Audio modulate:	5.5MHz
* Oscillator types:	Three capacitance Oscillator
* Power supply:	DC5V 500mA
* Video System:	NTSC
* Output RF Power:	<=10mW
* Video Level:	1Vp-p
* MaxRange:	120 feet
* Transmitter Antenna:	Directional
* Transmitter Sensitivity:	0dbm FCC
* Indoor/Outdoor:	Indoor Only
* Differential Gain	+8%
* Audio Input Impedance	1.0K
* Video Input Impedance	1.2K