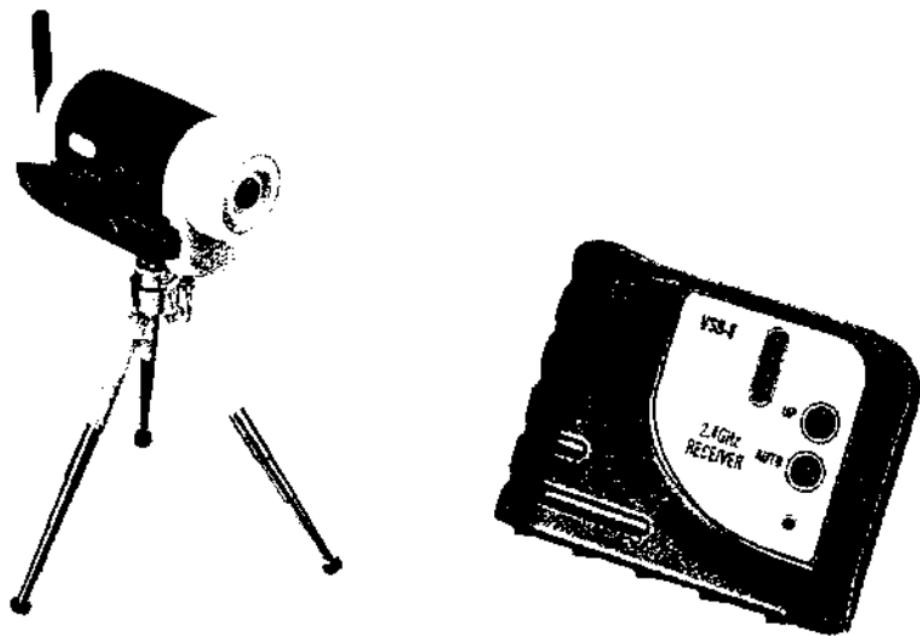


# 2.4GHz Video Camera

## User's Manual



# CHEVALIER®

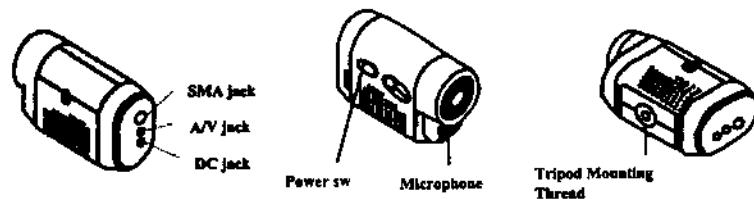
## Please read before using this equipment

The 2.4GHz Video Camera (VOC9) is a wireless video camera with 2.4GHz transmitter. This unit has compact design and high quality for home use camera. Through the 2.4GHz receiver (VXB-8), the image and sound can be connected directly to home TV set or Monitor, Then you can watch wonderful picture in your TV set or Monitor for monitoring purpose.

### 1. Technical Specifications

RF Interface	Transmitter	Receiver
Output Power	0~10dBm(PD)	Over -87dBm
Receiver Sensitivity	—	2.400~2.4835GHz
Frequency Range	2.400~2.4835GHz	2.400~2.4835GHz
Channel	4 channels	4 channels
Channel Space	15MHz	15MHz
Frequency Stability	+/-250KHz	+/-200KHz
A-V Modulations Type	FM	FM
Video Input Format	NTSC/PAL	—
Video Output Format	—	NTSC/PAL
Video Input Level	1Vp-p@75 ohms	—
Video output Level	—	1Vp-p@75 ohms, S/N>35dB
Audio Input Level	1Vp-p@600 ohms for Mono	—
Audio Output Level	—	1.45Vp-p@600 ohms
Antenna Interface	50 ohms SMA jack	—
Power Supply	Input: 110v (220v); Output: 9V, 350mA	Input: 110v (220v); Output: 9V, 350mA
Power Consumption	9V, 200mA	9V, 300mA
Operating Temperature	+40 °C ~ +44 °C (typ.)	+40 °C ~ +44 °C (typ.)
Operating Environment	-20 °C ~ +60 °C	-20 °C ~ +60 °C

## 2. Name of Parts



## 3. Installation

### 3.1 VOC9 Power setting:

Plug the AC adaptor (DC9V, 500mA,  $\ominus$ - $\odot$ - $\oplus$ ) with a standard AC outlet, and insert the power adaptor's barrel plug in the DC power jack of VOC9.

### 3.2 VSB-8 (Receiver) Power and Wireless mode setting:

#### 3.2.1 VSB-8 Power setting:

Plug the AC adaptor (DC9V, 500mA,  $\ominus$ - $\odot$ - $\oplus$ ) with a standard AC outlet, and insert the power adaptor's barrel plug in the DC power jack of VSB-8.

#### 3.2.2 VSB-8 Wireless mode setting:

Connect the 2.4GHz Receiver (VSB-8) with A/V cord to the TV set or Monitor. Yellow is for video and white is for audio. Then you can see the picture in your TV set or Monitor. Or through the VCR you can see or record the image. Please refer the figure 1,2 of 2.4GHz vision shown as following:

VOC-9 Video Camera  
2.4GHz Vision

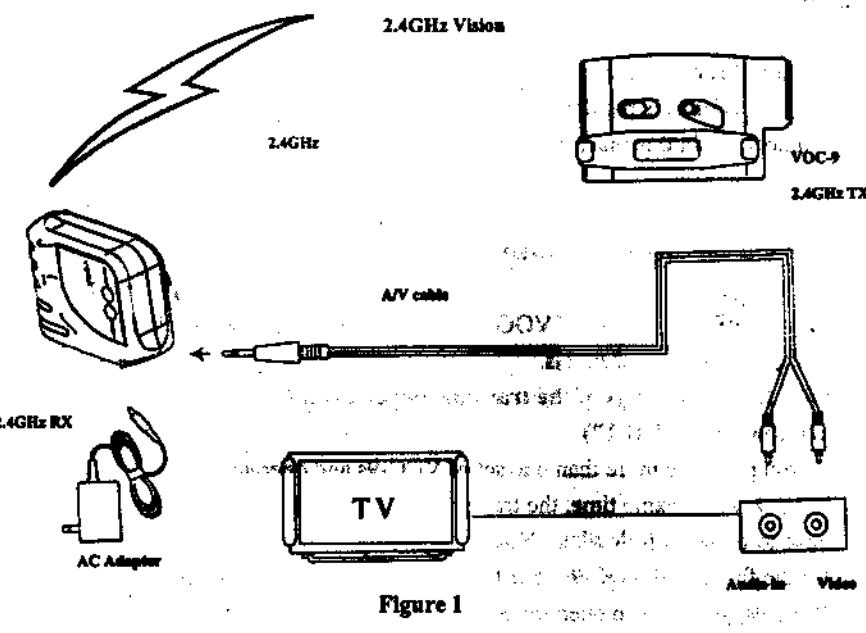


Figure 1

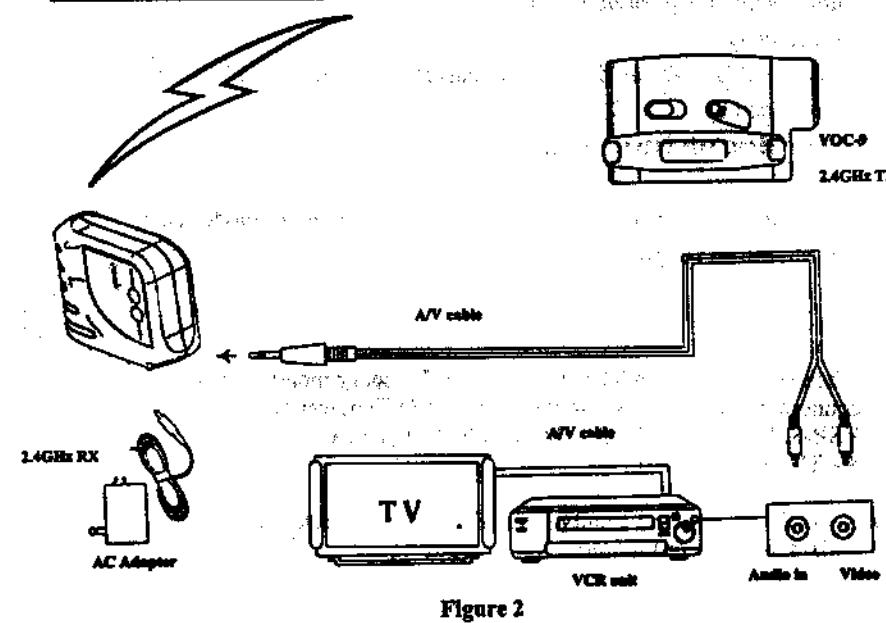


Figure 2

## **Warning:**

In some country this band cannot be used as wireless distance.

Please refer your country's regulation. The wireless distance is depended on the real environment. So in this machine cannot promise what distance it is. Please check your environment.

### **3.3 VOC-9's transmitting channel settings:**

1. If you purchase one set of VOC-9, you don't need to make any change of the transmitting channels.

**(The factory settings of the transmitting channel for all VOC-9s are channel 1 "CH 1")**

2. If you purchase more than one set of VOC-9s and operate those VOC-9s at the same time, the transmitting channels of the VOC-9s have to be set as following. You could use the factory setting (CH 1) for the first set of VOC-9. For the second, third, and fourth set of VOC-9s, you have to open the battery covers and switch the small jumpers into the position marked "CH 2", "CH 3", and "CH 4" respectively.

3. One set of USB-8 could receive signals from four different VOC-9s transmitted by four different channels.

### **3.4 Recording picture setting:**

See the figure shown as above. Turn on the VCR to record mode. Then you can record the picture what you see.

## **4.Operation:**

**4.1** When you settle down VOC9,VSB-8 and TV set or monitor, you connect the DC 9V power to the jacks of VOC9 power on sw and VSB-8. You can see LED light of both. And you can see the image in the TV set or Monitor.

**4.2** If you find the picture quality is very bad, please check TX ANT and VSB-8, or A/V cord is connected correctly or not.

**4.3** The machine is for indoor use. Please don't use in strong light or sun light.

## **5.Troubleshooting:**

If you settle down the VOC9, VSB-8 and TV set or monitor. You do not see the image . You must check

**5.1** Does the LED of the VOC9 light? If not, check the AC adaptor.

**5.2** Does the LED of VSB-8 (Receiver) light? If not, check the AC adaptor.

**5.3** Do you settle down the connection between TV set and VSB-8 (Receiver)? or between Monitor and VSB-8 (Receiver). If not, check the connection

**5.4** Do you settle down the TV set or Monitor? If not, check it.

**5.5** If you still can't see the image from TV set or Monitor, please call the agent.

## **6.Spare Parts**

This machine will attach the parts shown as following:(optional)

- (a). A/V cord 3.6 meter
- (b). AC Adaptor (DC 9V, 500mA,  $\ominus$ - $\oplus$ ) x 2
- (c).2.4GHz Receiver (VSB-8)
- (d).Bracket
- (e).Tripod

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATIONS IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRIED OPERATION

# 2.4GHz Video Camera

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