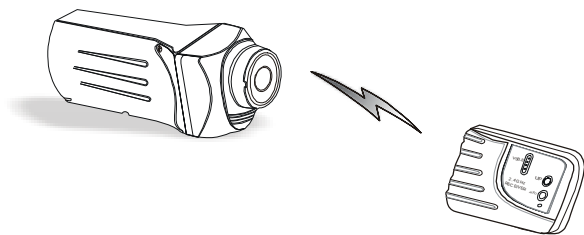


2.4GHz MINI VIDEO WATCHER



User's Manual

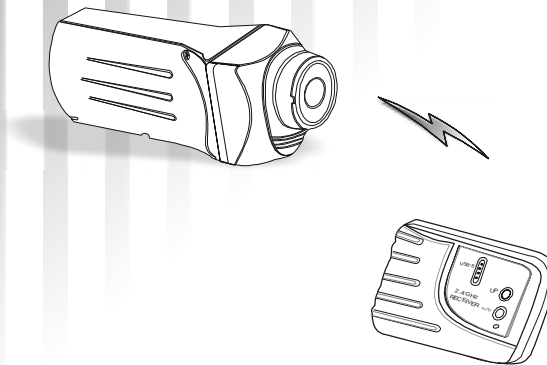


2001.01.01

2.4GHz MINI VIDEO WATCHER

User's Manual

Model No. MVW9



M V W 9

3.2.2 VSB8RX Wireless mode setting:

Connect the 2.4GHz Receiver (VSB8RX) 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:

Warning:

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 MVW9's transmitting channel settings:

1. If you purchase one set of MVW9, you don't need to make any change of the transmitting channels.

(The factory settings of the transmitting channel for all VOC9s are channel 1 "CH1")

If you purchase more than one set of MVW9s. You could first notify the factory to set the different channel. Because that could be interfered if you use the same channel at the same time.

M V W 9

3. One set of VSB8RX could receive signals from four different MVW9s transmitter by four different channels.

3.4 Recording picture setting:

See the figure shown as page 6. Turn on the VCR to record mode.

Then you can record the picture what you see.

4.0 operation:

4.1 When you settle down MVW9, VSB8RX and TV set or monitor, you connect the DC 9V power to the jacks of MVW9 power on sw and VSB8RX. 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 VSB8RX, 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 MVW9, VSB8RX and TV set or monitor. You do not see the image. You must check:

- 5.1 Does the LED of the MVW9 light? If not, check the AC adaptor.
- 5.2 Does the LED of VSB8RX light? If not, check the AC adaptor.
- 5.3 Do you settle down the connection between TV set and VSB8RX?
Or between Monitor and VSB8RX. 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:

- (a) A/V cord
- (b) AC Adaptor (DC 9V, 500mA, $\oplus \ominus$) x 2
- (c) 2.4GHz Receiver (VSB8RX)
- (d) Bracket (optional)
- (e) Tripod (optional)

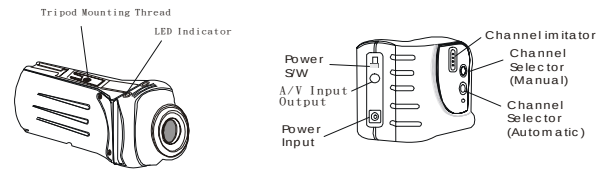
Notice

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

2. Name of Parts

VSB8RX

III. Figure: Diagrams of MVW9, and VSB8RX



3. Installation

3.1 MVW9 Power setting:

Plug the AC adaptor (DC 9V, 500mA, $\oplus \ominus$) with a standard AC outlet, and insert the power adaptor's barrel plug in the DC power jack of MVW9.

3.2 VSB8RX (Receiver) Power and Wireless mode setting:

3.2.1 VSB8RX Power setting:

Plug the AC adaptor (DC 9V, 500mA, $\oplus \ominus$) with a standard AC outlet, and insert the power adaptor's barrel plug in the DC power jack of VSB8RX.

Please read before using this equipment

The 2.4GHz Mini Video Watcher (MVW9) 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 (VSB8RX), 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	0~133dBm(FD)	—
Receiver Sensitivity	—	Over -87dBm
Frequency Range	2.400~2.4835GHz	2.400~2.4835GHz
Channel	4 channels	4 channels
Channel Space	18MHz	18MHz
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 > 38dB
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, 300mA	9V, 300mA
Operating Temperature	+40 °C ~ -44 °C (typ.)	+40 °C ~ -44 °C (typ.)
Operating Environment	-20 °C ~ +60 °C	-20 °C ~ +60 °C

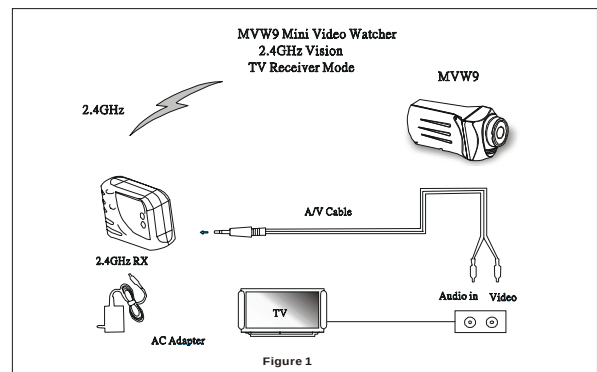


Figure 1

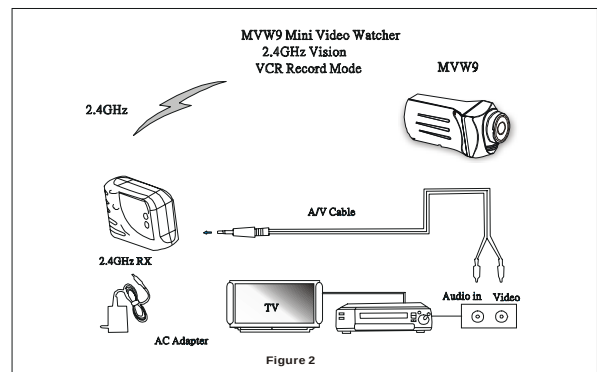


Figure 2