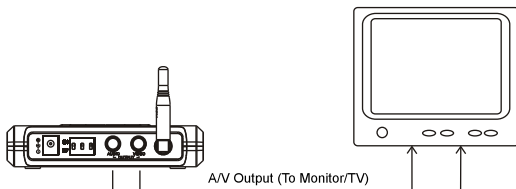
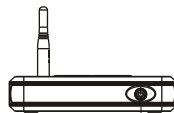
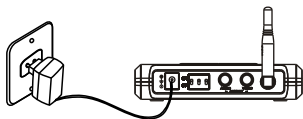


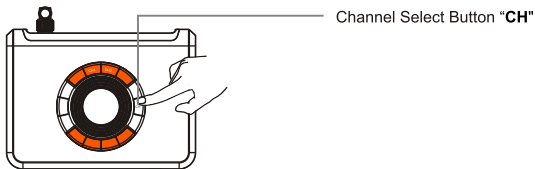
- 4) Connect the receiver to a monitor/TV with AV cable (yellow for video and red for audio). Turn on the monitor/TV and select AV mode.



- 5) Connect the power jack of adapter (DC 7.5V 300mA) to receiver. Press the **Power ON/OFF** "⏻" button and the channel indicator lights up green.



- 6) Press the Channel Select Button “CH” on the receiver until the channel indicator match the channel on the corresponding camera frequency. The monitor/TV will display the camera image.



- 7) Adjust the brightness, contrast and color of the monitor/TV to perfection.

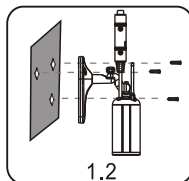
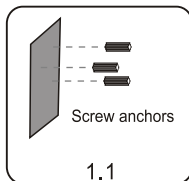


Camera Installation

1. Locate where you would like to install the camera and give it a quick test to ensure the chosen location has perfect receptions.

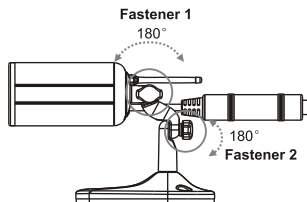
Please follow the steps below to install the camera to a wall or ceiling.

- 1.1 Secure the three screw anchors into wall (or ceiling) to match the hole pattern of the camera bracket
- 1.2 Align the holes of the camera bracket with the anchors, and secure the camera to the wall with three screws

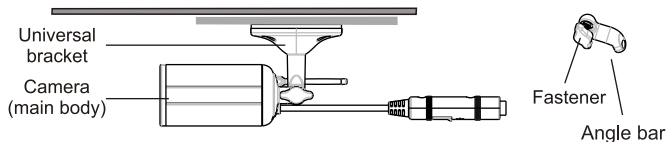


2. Adjust the angle

- 2.1 Unscrew Fastener 1, adjust the camera to an appropriate angle, and then fasten it.
- 2.2 Unscrew Fastener 2 to adjust the camera to an appropriate angle, and then fasten it.



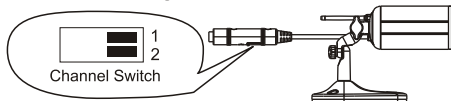
Note: If camera is installed on to the ceiling, it is recommended to remove the angle bar and connect the universal bracket to the camera directly.



Camera Channel Setup

This camera has 2 selectable channels to avoid possible interference from other nearby wireless devices.

Default Setting



Channel Switch Setup Diagram

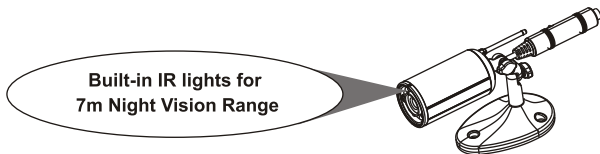


Channel Frequency

CH1=906MHz
CH2=924MHz

Night Vision

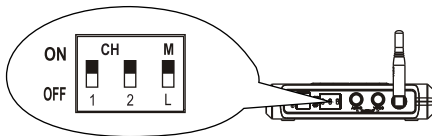
The built-in Infra-red lights in camera provide 7m night vision range for 24hrs surveillance. The Infra-red lights will automatically be activated at night or in dark places. The picture will turn Black & White (monochrome) in Night Vision mode.



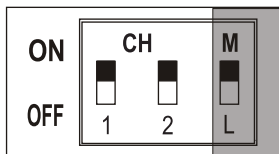
Receiver Mode Setup

The receiver can support up to 2 cameras. Only one camera will display on screen at a time. There are two methods to toggle between cameras, either by manually control or auto-loop control. Channel switching is setup by using Mode Control, "M" or "L", as described below. The **Mode Control** has the precedence over other buttons.

Default Setting



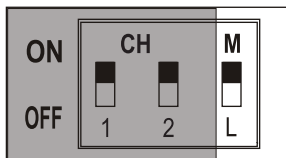
Receiver Channel Setup



- 1 – ON: CH1 Enable (Default)
OFF: CH1 Disable
- 2 – ON: CH2 Enable (Default)
OFF: CH2 Disable

The channel Mode Control are used to turn the camera(s) OFF or ON depending on the number of active camera in use. If the CH is set to the OFF position, the Manual Mode and the Channel Scan Mode will not take into affect.

Receiver Manual & Channel Scan Mode Setup



- M: Manual Mode (Default)
- L: Channel-scan Mode

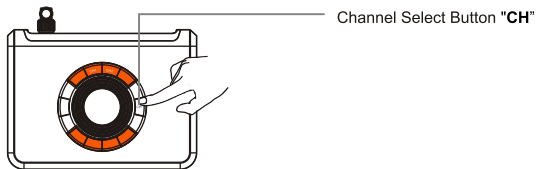
1. Manual mode: Slide **Mode Control** switch to **M** to enter **Manual** mode. In this mode, the receiver channel will not change until the **Channel Select Button "CH"** is press.

Note: To manually toggle between channels, it requires two active camera.

2. Channel Scan mode: Slide **Mode Control** switch to **L** to enter channel scan mode. In this mode, all the available channels will display one by one looping in turn every 5 seconds.

Tip:

*Channel-Scan function can also be activated while in Manual Mode by pressing and holding down the **Channel Select Button "CH"** for more than 5 seconds. Press the **Channel Select Button** again to deactivate Channel-Scan function.*



Notes:

*Press the **Channel Select Button "CH"** while in channel scan mode, will immediately advanced to the next channel.*

*Slide the **Mode Control** switch to **M** to disable the channel scan mode.*









Specifications of Camera (SM-302T)

Image Sensor	1/4_CMOS
Total Pixels	510(H)_492(V)
Video Format	NTSC
Minimum Illumination	0 lux (IR on)
Night Vision Range	Up to 23ft
Lens	Internal, f=3.6mm fish eye lens
Transmission Frequency	902~928MHz
Channel Options	2 Channels Selection_906MHz/924MHz_
Modulation Type	FM
S/N	40dB(AGCO ff)
Transmission Power	2~30mW
Audio Frequency Band	4.5MHz
Microphone	Built-in
Voice Monitoring Distance	up to 20ft
Power Consumption	200mA(IR ON)/80mA(IR OFF)
Antenna	SMA
Transmission Distance	up to 330ft
Power	8V 300mA(Positive inside)
Weatherproof	IP54

Specifications of Receiver (SM-302R)

Transmission Frequency	902~928MHz
Channel Options	2 Channels Selection_906MHz/924MHz_
Channel Selection and Control	Three dip switches (Ch1/Ch2/auto-loop)
Channel Indication	2 Green LED
Frequency Stability	±100KHz
Local Oscillator Leakage	≤55dBm
Receiving Sensitivity	≤85dBm
Differential Phase	10Deg.
S/N	38dB
Video Output Impedance	75ohm
Video Output Voltage	1.0±0.2Vp-p(Standard value:1Vp-p)
Audio Carrier	4.5MHz
Audio Frequency Band	100_20KHz
Audio Output Impedance	10Kohm
Audio Output Impedance	1.2±0.4Vp-p(Standard value:1Vp-p)
Audio S/N	50dB
Antenna Type	SMA
RF Input Impedance	50ohm
Power Consumption	180mA(MAX.)
Power	7.5V 300mA(Positive in and negative out)
Power Switch	Touch Button

Troubleshooting

Abnormal Phenomena		Possible Reasons/Solutions
 <p>No image</p>	 <p>No sound</p>	<p>*Check the camera / receiver connected to power supplies, and power on.</p>
 <p>Snowflakes on image</p>	 <p>Noisy</p>	
 <p>Ghost image</p>	 <p>Normal sound</p>	<p>*Interfered by other sources;</p> <p>*Check the distance and blocks.</p>
 <p>Normal image</p>	 <p>Noisy</p>	<p>*Interfered with other devices nearby; Remove or turn off such devices.</p>

EU Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



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