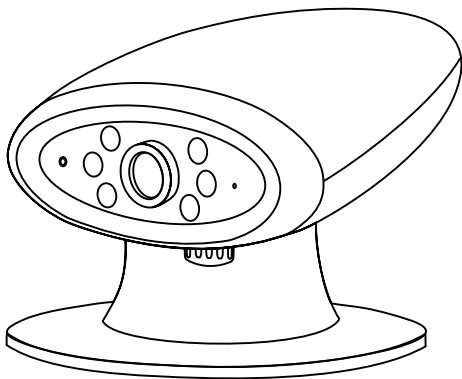


# **ACTION®**

## **ACN-3560C**

2.4GHz Wireless Mono Camera



Instruction Manual



**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol is intended to tell the user that parts inside the product present a risk or electric shock to persons.



This symbol is intended to tell the user that important operating and servicing instructions are included in the Operating Instruction.

**WARNING:**

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the User's authority to operate the equipment.

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## **A. Introduction**

Thanks for choosing this 2.4GHz wireless camera. This system is designed for transmitting 2.4GHz audio/video signals from the camera or connected signal source, to the B/W monitor wirelessly. The camera can be placed anywhere in the home, Baby room, or office etc. up to 100 feet from the receiving B/W monitor. Six infrared LEDs allow the camera to pick up clear images even in the darkest location, by illuminating the area in front of the camera with infrared light (invisible to the human eye).

Please read this manual thoroughly prior to operating the system, and retain it for future use.

## **B. Precautions**

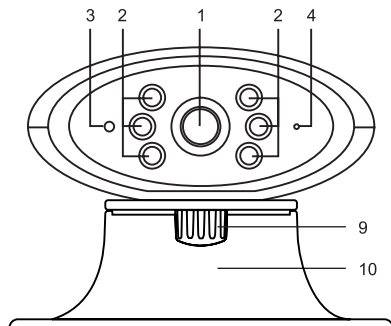
1. Do not submerge or spill water or other liquids on the units.
2. Use only a damp cloth for cleaning (avoid oil based solvents)
3. Do not expose the units to direct sunlight, extreme temperatures, or severe shock as this may damage the electronic and optical components inside the units.
4. No user serviceable components inside. Servicing must be performed by a trained technician.

### **C. Contents**

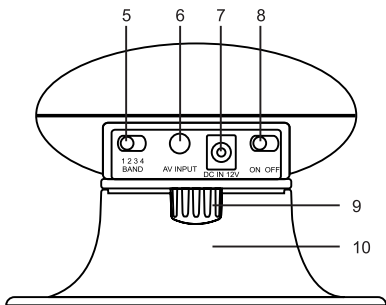
1. (1)Transmitter with built-in Camera
2. (1)Mounting base
3. (1)AC Adapter
4. (1)A/V Cable

### **D. Controls/Jacks/Indicators (Figures 1 & 2)**

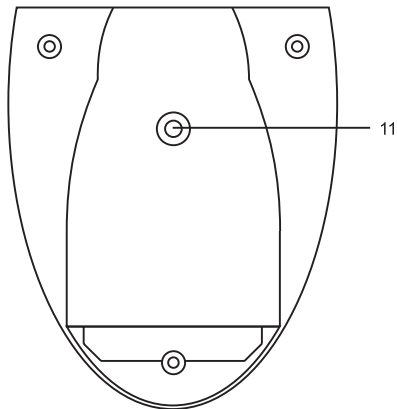
1. Camera Lens
2. Infrared LEDs
3. Power LED indicator
4. Microphone
5. Channel selector Switch
6. AV Input Jack
7. DC 12V Input Jack
8. Power On/Off Switch
9. Mounting Thumb Screw
10. Mounting Base
11. Mounting Hole



**FIG.1**  
**FRONT VIEW**



**FIG. 2**  
**BACK VIEW**



**FIG. 3**  
**BOTTOM VIEW**

## **E. Installation**

Attach the bottom of the camera to the mounting base using the provided thumbscrew (Fig.3). Select the location for the camera (transmitter) NOTE: The location must be within 100 feet of the monitor (receiver) Place the camera in your selected location. You can attach the camera to walls or other flat surfaces by the use of screws (two holes provided, screws not included), double sided tape or fastening method.

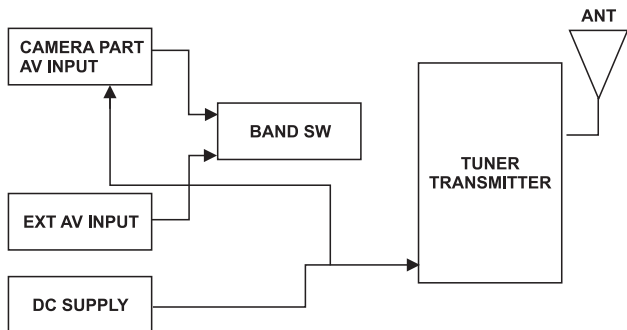
## **F. External Signal Sources Input**

Besides the built-in camera as a signal source, there is an AV Input Jack on the transmitter for external signal source such as DVD Player, Video Cassette Player, game console, etc.

## **G. Camera Setup**

1. Make sure the transmitter and receiver are set at the same channel (1, 2, 3 or 4). The channel can be customized corresponding to any signal source. With the channel switch, the receiver can receive the 2.4GHz wireless audio/video signals from up to 4 cameras (transmitters) in order to monitor a series of rooms for maximum supervision of the home (or office).
2. Connect the AC adapter to the camera and switch the transmitter ON.
3. Adjust the angle and focus for the camera lens for best image.

## H. Block Diagram



## I. Operational Description

XMC-151/ACN-3560C wireless transmitter module intended for in 2.4GHz 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. This device have a built-in antenna but without ground system. And this device can also be seemed as a portable device with the monitor and can use within 100 feet indoor or 300 feet if without obstruction. You can fixed the device on a table or wall by screwed the mounting base. To fix the device, please follow the installation. And please make sure the supervision and monitor are set at the same band before in use.



## J. Specifications:

Video System	NTSC
Transmitter Frequency	2.4~2.83GHz
Max Range	300 feet
Transmitter Antenna	Directional
Transmitter Sensitivity	0dBm FCC
Picture of Color	B/W
Optical Size	1/3"
Effective Pixels	320 X 240
Auto Exposure	1/60~1/6000 second
Camera Correction	Auto
Backlight Compensation	Auto
Indoor/ Outdoor	Indoor Only
Mic Sensitivity	2~3 Meters
Number of Channels	4
Modulation duty cycles	7:3
Frequency Control	IIC PLL
Video Input Level	1 Vp-p
Differential Gain	$\pm 8\%$
Audio Input Impedance	1.4K $\Omega$
A/V Signal Level Ratio	27dB
Output RF Level	50mW
Video Input Impedance	1.3 K $\Omega$
Video Modulation	3MHz
Differential Phase	$\pm 8\%$
Audio Modulation	40KHz
Power Consumption	DC12V 300mA

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

## **ACTION**

### **LIMITED WARRANTY**

**AMERICA ACTION INC.** Warrants this product against defects in material or workmanship as follows:

For a period of 90 days from the date of purchase. ACTION will pay the labor charges to repair the defective product. After this 90 day period, you must pay for all labor charges.

In addition, ACTION will supply, at no charge, new or rebuilt replacements for defective parts for a period of 1 year from the original date of purchase.

#### **LABOR AND PARTS**

To obtain warranty services during the initial 90 day period, you must take the product, or deliver the product freight prepaid, to ACTION service center.

#### **PARTS ONLY**

During the remainder of the warranty period, any defective part will be replaced if it is taken, or delivered freight prepaid, to ACTION service center. Labor for repair is available at your expense.

This warranty does not cover customer instruction, installation, set up adjustments, and signal reception problems.

This warranty does not cover cosmetic damage, and damage due to acts of accident, misuse, abuse or negligence of the product, including the antenna. This warranty is valid only in the United States of America/ Canada.

Proof of purchase in the form of a bill of sales or receipted invoice which is evidence that the unit is within the warranty period must be presented to obtain warranty service.

This warranty is valid only if the serial number appears on the product.

**REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. ACTION SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS DURATION TO THE DURATION OF THIS WARRANTY.**

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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