



English

User's Manual

2.4GHz Wireless Camera
(Day/Night & Weather-proof)

MODEL: AT201



Please read this manual carefully and thoroughly before any attempt to install and operate this product and retain it for your future reference.

INTRODUCTION

Thank you for your interest and support in our product and purchasing this wireless camera kit. This product works at ISM-2.4GHz frequency band, which could be legally used worldwide without permission. We feel confident that you will be pleased with the quality and features of this product.

The camera features one CMOS image sensor and a transmitting module to capture the image and transmit them wirelessly. It is made of alloyed shell and special weather-proof enclosure that protect it against powder and water sprays. It passed the **IP54** testing.

The receiver features a receiving module to receive and output AV signals.

Notice

Notice: This product may cause interferences with other wireless equipment that operates at 2.4GHz ISM band. Please turn off one of the equipments to eliminate the interference.

Product Assurance: This camera will emit electromagnetic wave, just like other wireless products. But its transmitting power is lesser than other wireless products such as mobile phones. The 2.4GHz wireless camera meets wireless frequency security standards and recommended indexes while working. These standards and indexes are certificated by academic organization and represent the cogitative research of the scientific workers who continuously explore and annotate the involved fields. So we believe that our products are safe for customers.

Approval Information

All our products meet the requirements of approval FCC or CE, and are granted the FCC or CE certification. They are authorized to bear FCC or CE mark.

FCC

This product meets the requirements specified in Part 15 of FCC Regulation. Operation rests with the following two conditions:

- (1) The equipment should not cause any harmful interference;
- (2) The equipment must receive and process any interference, including any possible interference caused by operation mistakes.

After testing the product, we confirm that it complies with the provision for class C digital equipment in the 15th part in FCC regulation; and the receiver complies with the limitations for class B digital equipment in Part 15 of FCC regulation. The product generates, applies and emits radio waves. It might cause harmful interferences to wireless communication if not be installed and used following the description of the manual. The

product may cause interference in residential area, and the customer should take remedies to eliminate the interference at their own costs. If the product causes any harmful interference to wireless equipment or disturbs the receiving of TV signals (it can be identified by turning on and off the product), you can solve the trouble by following methods:

- (1) Readjust the product or put it in another place;
- (2) Extend the distance between the equipment interfered and the product; and
- (3) Refer to dealers or experienced radio electrician for help.

Caution:

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

CE

This product complies with standards including Low Voltage Device Directive 73/23/EEC; EMC Directive 89/336/EEC and R&TTE Directive 1999/5/EC. It passed the subject tests by the authority concerned and is authorized to bear CE mark.

Warranty

AEE Technology warrants that this product will be free from defects in materials and workmanship for period of time specified. This limited warranty shall commence from the date of purchase. AEE Technology product's warranty is not transferable and is limited to the original purchaser. If the product is found to be defective then, as your sole remedy and as the manufacturer's only obligation, AEE Technology will repair or replace the product.

This warranty shall not apply to products that have been subjected to abuse, misuse, abnormal electrical or environmental conditions, normal wear and tear or any condition other than what can be considered normal use.

Should you have problems, please consult the local dealer.

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AEE Technology assumes no responsibility or liability for any errors or inaccuracies that may appear in this booklet. All other product names, trademarks and registered trademarks in this document are the properties of their respective holders.

Restrictions

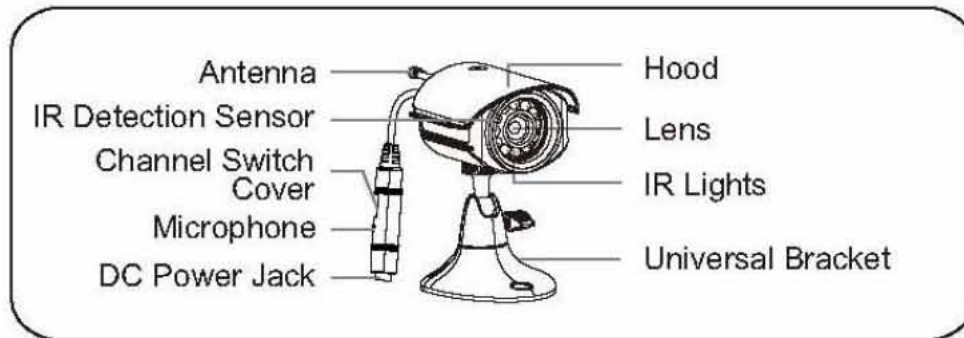
1. DO NOT use this product to violate one's privacy. Monitoring one's activities without consent is illegal and this product is not designed and manufactured for such purpose;
2. DO NOT put this product near any medical equipment. Radio waves might potentially cause breakdown of electrical medical equipment. So this product should be placed at least 1 feet away from any heart pacemaker. Radio waves might potentially influence heart pacemaker and lead to respiratory disturbance;
3. DO NOT use this product for any illegal activities. AEE Technology shall not be responsible for any consequences of illegal acts committed by the user.

Maintenance

1. Ensure the sufficient ventilation space is available;
2. Do not shake or strike the product;
3. Keep it dry and dustless and avoid exposing it to direct sunlight;
4. Do not place product near any magnetic objects;
5. Avoid putting the product in places where the constantly changed temperature or humidity occurs;
6. Keep product away from heat sources such as electric heater;
7. Do not use the camera near aggressive chemicals;
8. Do not use the camera in the places which are enclosed by metal. The surrounding metal like lifter, cabin, may shield the electromagnetic wave, and result in failure of signal reception;
9. Please obey the local government's environment protection policy;
10. Please turn off the power when left unused;
11. Do not disassemble or repair the camera or receiver, doing so might cause damages to the product.

Feature Locations

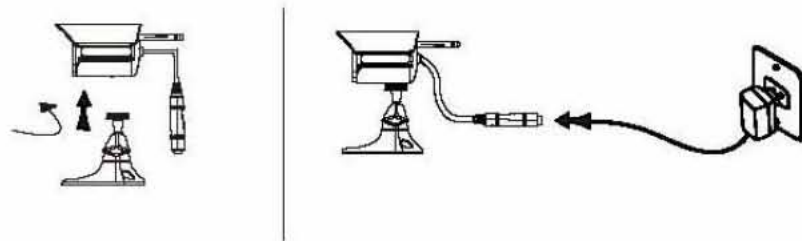
1. Camera



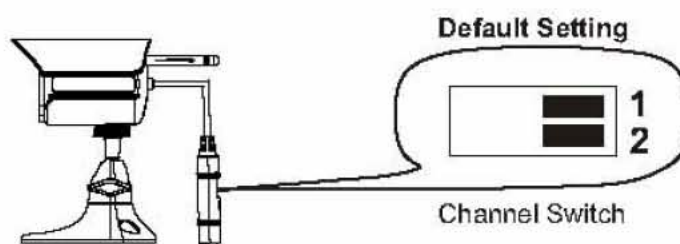
INSTALLATION & USAGE

Installation

1. Install the universal bracket to camera and connect the power jack of adapter (DC 7.5V 300mA) to camera.



Open the channel switch cover and set the camera to one desired channel.



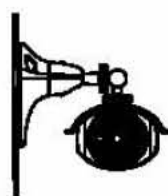
Mount the camera to a desired location.



Desktop



Face Wall Front



Face Wall Side



Ceiling Mount

Note:

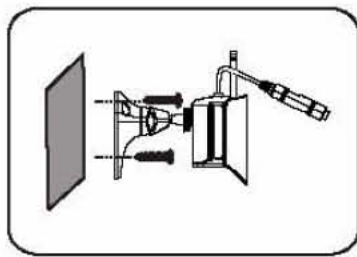
Please refer to **Fix the Camera** section for more details.

Fix the Camera

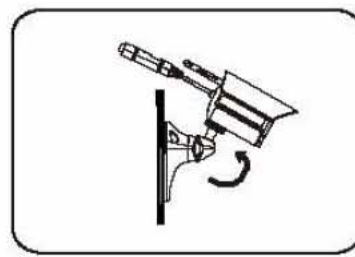
Please follow the steps below if you want to fix the camera to wall or ceiling.

1. Fix to Wall (1)---Face Wall Front

- 1.1 Drill three holes on the mounting surface, insert the anchors into the holes, then align the universal bracket with the holes you just drilled and drive the screws through the universal bracket into the anchors;
- 1.2 Adjust the camera to one desired angle.



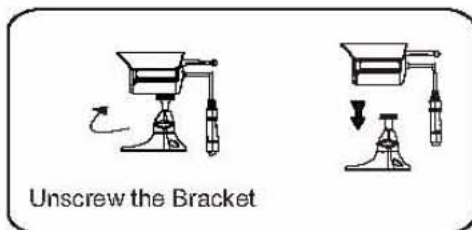
1.1



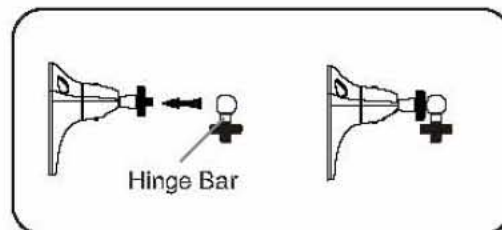
1.2

2. Fix to Wall (2)----Face Wall Side

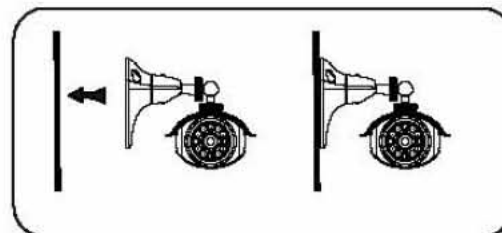
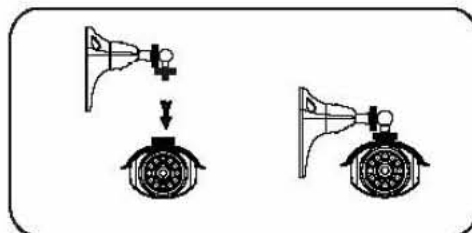
- 2.1 Detach the universal bracket from the camera;
- 2.2 Install the supplied hinge bar to the universal bracket;
- 2.3 Install the universal bracket to the top of camera;
- 2.4 Secure the camera to wall firmly with screws.



2.1



2.2

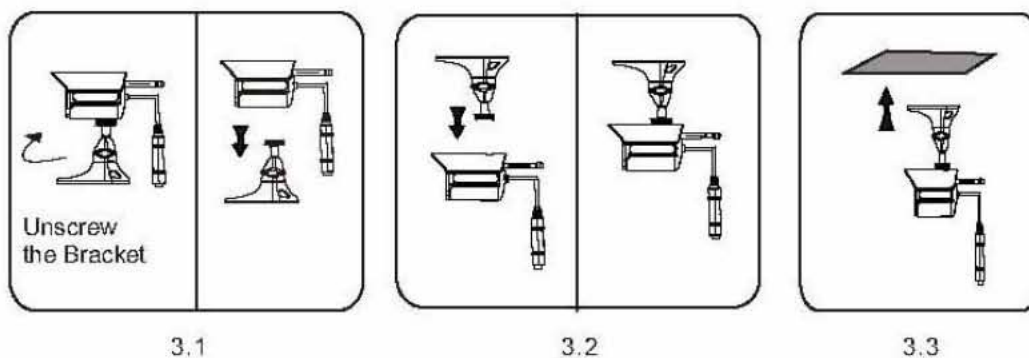


3. Fix to Ceiling

3.1 Detach the universal bracket from the camera;

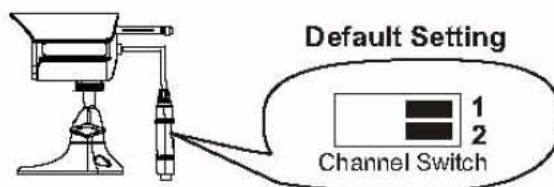
3.2 Install the universal bracket to camera top for avoiding reverse picture;

3.3 Secure the camera to ceiling with screw firmly.

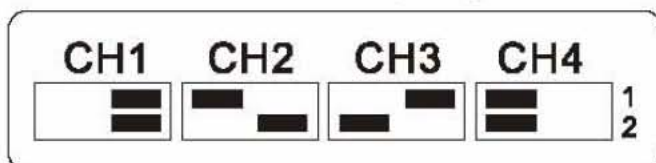


Camera Channel Setup

This camera has 4 selectable channels to avoid possible interference from other nearby wireless devices. Please open the channel switch cover and set the **Channel Switch** with the **Channel Pick** as the following diagram.



Channel Switch Setup Diagram



Channel Frequency

CH1=2,414MHz;
CH2=2,432MHz;
CH3=2,450MHz;
CH4=2,468MHz

Night Vision



The built-in 11 Infra-red lights in camera provide 7m range night vision for 24hrs surveillance. The Infra-red lights will be automatically activated in dark. The picture will turn Black & White (monochrome) in night vision situation.

SPECIFICATIONS

Items		Value
Transmission Frequency		ISM 2,400MHz~ 2,483MHz
Antenna Type		Omni
Transmission Distance		100m (Without Block)
Operating Temperature		-10°C~+50°C /+14°F~+122°F
Storage Temperature		-20°C~+60°C /-4°F~+140°F
Storage Humidity		≤85% RH
Camera	Imaging Sensor	1/3-inch CMOS
	CMOS Total Pixels	628×582 (PAL)/ 510×492 (NTSC)
	S/N Ratio	40dB (AGC OFF)
	Horizontal Resolution	380 TV Lines
	Minimum Illumination	5 Lux/F1.2 & 0 Lux (IR ON)
	Night Vision Range	7m
	Transmission Power	10mW (CE)/2mW (FCC)
	Power Supply	DC 7.5V 300mA
	Consumption Current	200 mA (Max.)
	Weather-proof Level	IP54 (Main Body)
	Dimensions (WxDxH)	70.5mmx72.5mmx44mm (Main Body)