



AMCREST



Digital Game & Trail Hunting Camera

ATC-802

User Manual

Version 2.2.3

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Welcome

Thank you for purchasing our ATC-802 Amcrest Digital Game and Hunting Trail Camera! This user manual is designed as a reference tool for the installation and operation of your camera. Here you can find information about the camera's features and functions, and information to aid in troubleshooting.

For access to the quick start guide and other support information, go to <http://amcrest.com/support>

To contact Amcrest support, please do one of the following:

- Visit <http://amcrest.com/contacts> and use the email form
- Call Amcrest Support using one of the following numbers
Toll Free: (888) 212-7538
International Callers (Outside of US): +1-713-893-8956
USA: +1-713-893-8956
Canada: 437-888-0177
UK: 203-769-2757
- Email Amcrest Customer Support support@amcrest.com

Important Security Warning

In order to keep your Amcrest camera secure and prevent unauthorized access, please make sure to follow the steps below:



- Ensure that your camera has the latest firmware as listed on www.amcrest.com/firmware
- Never use the default password for your camera. Set a different password.
- Lock device and tighten to a tree with the straps provided.

Important Safeguards and Warnings

1. Transportation Security

Heavy stress and violent vibrations moisture should not occur during transportation, storage, and installation of the device.

2. Repair Professionals

All the examination and repair work should be done by qualified service engineers. We are not liable for any problems caused by unauthorized modifications or user-attempted repair.

3. Environment

The camera should be kept in a cool, dry place away from direct sunlight, flammable materials, and explosive substances. While the camera is weatherproof, it should not be immersed in water at any point as this may cause permanent damage. It is recommended that camera is placed at least one meter (three feet) above the ground when in use for recording.

4. Operation and Maintenance

Do not touch the camera sensor or lens directly. To clean dust or dirt off of the lens, use an air blower or a microfiber cloth.

5. Accessories

Use only the accessories recommended by manufacturer. Before installation, please open package and ensure that all components are present. Contact Amcrest directly if anything is broken or missing in the package.

Caution

The working voltage of the camera is 6.0V. The camera can be powered by four or eight AA batteries (using four AA batteries will offer less battery output).

Please unlock **write-protection** before inserting the SD-card. Please insert the SD-card when the power switch is in the OFF mode before testing the camera. Please do not insert or take out the SD-card when the power switch is in the ON mode.

We recommend formatting the SD-card with the camera when being used for the first time. The camera will be in USB mode when connected to a USB port of a computer. In this case, the SD-card functions as a removable disk.

Please ensure there is sufficient battery life when upgrading the firmware, otherwise the upgrade process can be interrupted. If any issue occurs after an improper upgrading process, the camera can potentially stop functioning properly.

1. Features and Specifications

1.1 Overview

The Amcrest ATC-802 is a big game hunting camera which can be triggered by any movement in the specified region within the 100 ° **Passive Infrared (PIR) motion sensors**. It can also automatically capture high quality pictures (up to 8 Megapixels) and record 720p HD video clips (720, WVGA, or QVGA).

At sunrise, the unit begins to take color photos and video until there is insufficient light. At dusk, the camera will automatically switch to night vision mode and take infrared (monochrome) photos and video.

Easy to use with a 2.0-inch colorful LCD display, and weatherproof for outdoor usage, the Amcrest ATC-802 is the best hunting camera for all your needs.

Includes:

- Amcrest ATC-802 Camera
- Wireless Remote Control
- Nylon Fastening Belt
- USB Cable
- A/V Cable
- 1 Year US Warranty when Purchased from Amcrest



1.2 Features

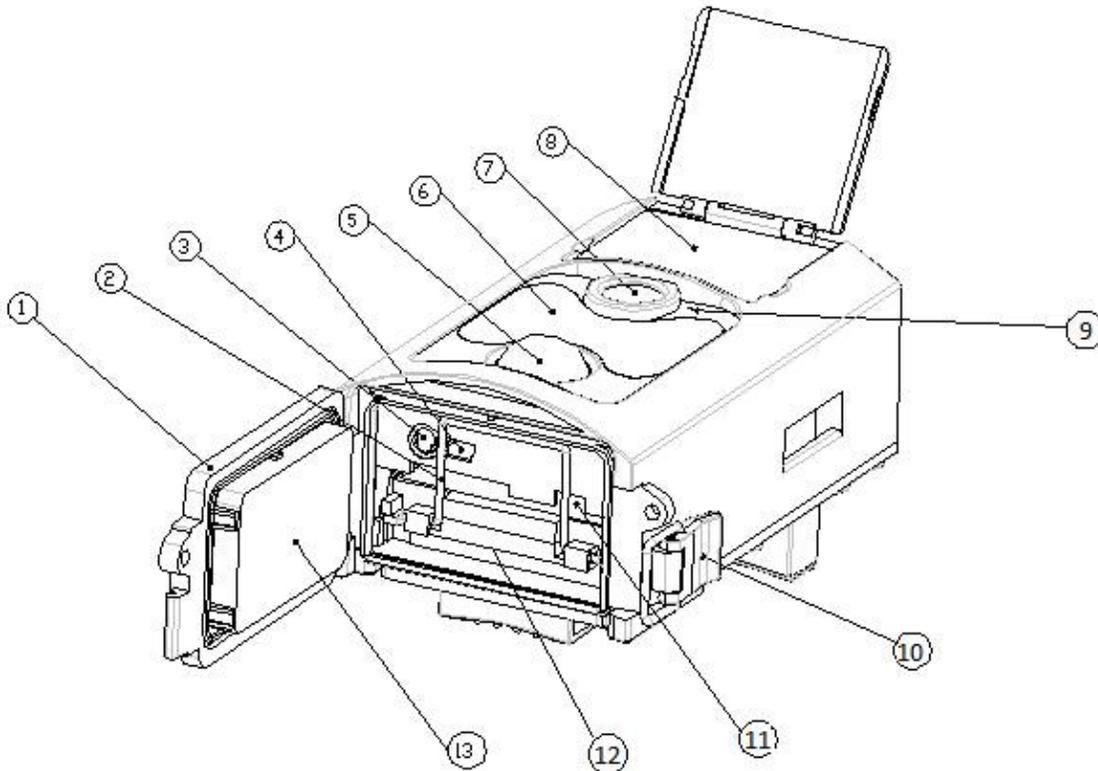
The Amcrest ATC-802 Digital Game and Hunting Trail Camera has the following features:

- **High Video Resolution**
The ATC-802 Digital Game and Hunting Trail Camera video resolution can capture video in 720P HD, WVGA, and QVG. Recorded video length options consist of 10s/30s/60s/90s. Select resolution for still photos are 8M/5M/3M. Long night vision range is up to 65 feet and PIR Field of View (FOV) is 100° wide. Both video and image files may be played on the built in 2" Color LCD screen while camera is on TEST Mode.
- **Interval Timer/Multi-Shot**
The ATC-802 Digital Game and Hunting Trail Camera has a minimum interval of one second and maximum interval is 30 minutes. This means the PIR works will be disabled after each trigger for the interval time you set. Multi-Shot settings include single/3/6/9 pictures.
- **Battery Life and Memory**
Batteries capabilities last up to three months depending on quality of batteries, amount of time it remains on, and interval and multi-shot settings. This device has the capability of holding an SD Card of 8MB to 32 GB of memory which store all video and photos.
- **Mounting and Positioning**
The ATC-802 Digital Game and Hunting Trail Camera comes with a fastening nylon strap, is tripod compatible and has a built-in laser pointer for precision.

1.3 Camera Body Interface

The camera has the following input/output (I/O) interfaces: USB connector, SD-card slot, TV output, and external DC power connector. Take a few moments to familiarize yourself with the camera's controls and display. It is helpful to bookmark this section and refer to it as you read through the rest of the manual.

1.3.1 Camera Components and Features



Number	Name
1	Bottom Cover
2	SD-Card Slot
3	TV/AV Out
4	USB Connector
5	PIR (Passive Infrared)
6	Infrared Flash
7	Lens
8	2-inch Color LCD Display
9	Sound Recorder
10	Lock
11	Power Switch
12	Battery Compartment
13	Portable Remote Control

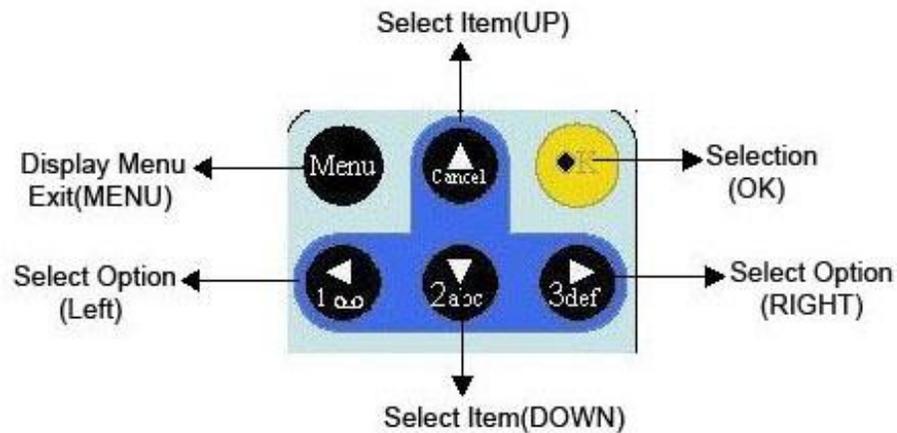
1.4 Remote Control

The remote control is primarily used for custom settings and password input. This is an infrared wireless remote control. The maximum distance the remote can be used at is nine meters (30 feet). There are 15 buttons on the remote control (Sette: Remote control is located inside of the camera).



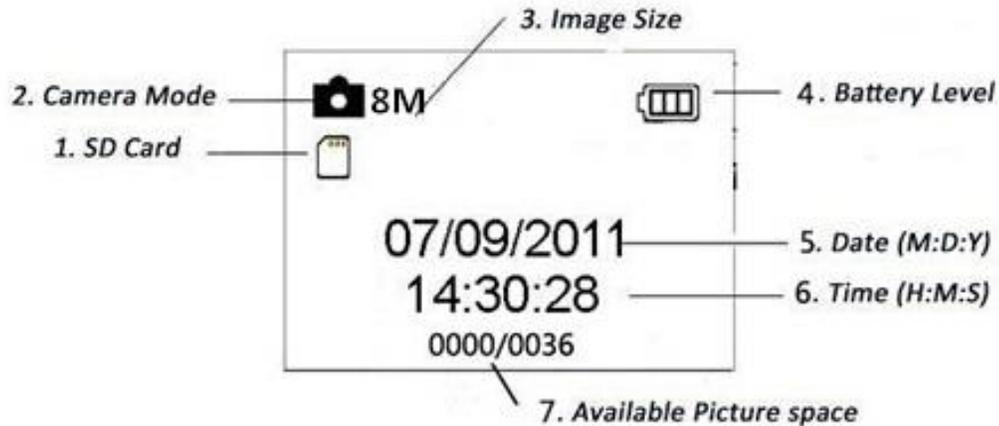
1.4.1 Navigating

Press the Menu and press the UP or DOWN button to select or highlight a menu item. Press LEFT or RIGHT to select the menu item options, and press OK to make a selection.



1.5 Shooting Information Display

When the camera is turned on (the power switch is in TEST mode), the shooting information will be displayed on the LCD.



1.6 Supported Format

Item	Format
Photo	JPG
Video	AVI
SD Card Format	FAT32

NOTE: If problems occur when reading the SD-card, try testing the SD-card on other devices to see if the same problem occurs. If the SD-card still fails to work, please format the card using a computer, then reinsert the card into the camera and try again.

2. Easy Operation

2.1 Power Supply

To supply power to the camera, four or eight AA size batteries are needed.

Open the bottom cover. Confirm that the power switch is in the OFF (right) position, pull out the battery holder. Load the fully charged batteries into the holder according to the polarity shown below. Push the battery holder back into the battery chamber.

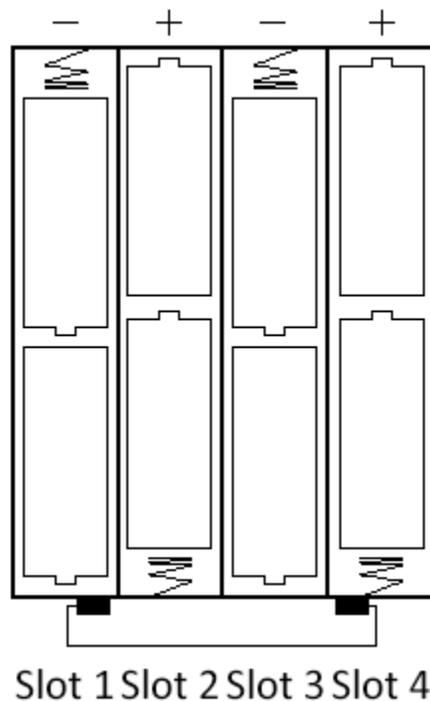
The following batteries with 1.5V output can be used:

1. High-density and high-performance alkaline batteries (Recommended)
2. Rechargeable alkaline batteries
3. Rechargeable NiMH batteries

There are four battery slots. Slots 1 and 2 form one group ("1" will be marked on the holder), while slot 3 and 4 form the other group ("2" will be marked on the holder) where each group can supply power individually.

When in TEST Mode, the camera will automatically shut down to save power if no operations are performed within three minutes; it can be turned back on by any kind of motion detection.

When in a low-battery state, the camera will be automatically shut down. Please change the batteries at this time.



2.2 Insert the SD-Card

Insert a SD-Card into the card slot with contacts facing the front of the camera. Camera must be on Off Mode when SD-Card is being inserted.

Please note that the SD-card can only be inserted in one direction. Make sure that the write-protection “Lock” switch of the SD-card is in the “Write” position (not locked). The SD-Card icon  will appear on the Live Image Feed in Test Mode after it is inserted.

2.3 Power On and Enter the ON Mode

Before switching the camera on, please pay attention to the following:

1. Avoid temperature and motion disturbances that could be mistaken as animals or humans such as trees that are exposed to direct sunlight for much of the day or any other heat source. These may cause false triggers.
2. The camera should be placed about one meter (three feet) from the ground. As an example for deer, waist height is a good height. In general, one to two meters (3 – 6 feet) in height is preferred.

Toggle the power switch to TEST mode and allow the camera to boot up. Allow the LCD screen to power on. Then slide the power switch to ON mode. After switching to the ON mode, the motion indication LED (red) will blink for about 15 seconds. The 15 second timer is a buffer before the camera starts to capture photos or videos, e.g. for closing and locking the bottom cover, fixing the camera on a tree, or walking away from the area being monitored.

When powered on, the camera will take pictures or videos automatically according to default settings or custom settings. The camera has an audio recording function, so sound will be embedded in recorded video clips.

NOTE: If the camera has not been configured to your preferred settings which must be done while camera is in TEST mode (see Section 4.1), the camera will function on the default settings (see Section 4.1.4 for details of default settings).

3. Enter TEST Mode

Slide the power switch to the TEST position to enter into the Live Image Feed. There are some functions in Live Image Feed such as follows: custom settings, manual capture, preview, laser pointer, exposure, and zoom.



3.1 Manual Capturing

You can press OK to manually capture photos or record video while in the Live Image Feed.

3.2 View Images or Videos

There are two ways to view the captured images or videos:

1. View using the LCD screen on the camera
2. View using a TV monitor which connects to the camera with a TV cable

Press RIGHT on the remote from the Live Image Feed. The latest image will be shown on the LCD screen of the camera or TV monitor. Press UP to view the previous image and press DOWN for the next image. Detailed operations like deleting images or videos are described in the “Advanced Operations” chapter.

3.3 Activate Laser Pointer

To activate the built-in laser pointer, press the * button on the Live Image Feed. The laser pointer is especially useful when it is dark for pointing to an object or a certain region of interest. Use the tilt adjuster on the back of the camera to adjust the angle for taking photos/videos

NOTE: The laser pointer can be harmful to an individual’s eyes, therefore please avoid pointing the laser pointer at other individuals.

3.4 Adjust Exposure

To adjust the exposure, press the LEFT arrow button on the Live Image Feed.

3.5 Zoom In

If you wish to zoom in, press the UP arrow button on the Live Image Feed.

3.6 Power Off

Slide the power switch to the OFF position to power off the camera. Please note that even in the OFF mode, the camera still consumes certain power at a minimal level. If the camera will not be used for a long period of time, it is recommended to remove the batteries or battery compartment.

4. Advanced Operations

From the basic operations of the camera in previous chapters, the camera has three basic operation modes:

1. OFF mode: Power switch is set to the OFF position (Right).
2. TEST mode: Power switch is set to the TEST position (Middle).
3. ON mode: Power switch is set to the ON position (Left).

OFF mode is the specified safe mode when replacing the SD-card or batteries and transporting the camera.

TEST mode is used to customize the camera's settings and the remote control is needed for this. The Live Image Feed will display on the LCD screen after the camera is set to TEST mode. Pressing the MENU button on the remote will display the settings menu.

ON mode should be set when you are ready to start using the camera. The power switch must be toggled to TEST mode first to allow the camera to boot up if it was not previously set to TEST mode. Switch to the ON mode after the Live Image Feed displays on the LCD screen. The LCD screen shuts off and the motion indication LED (red) will blink for about fifteen seconds. The fifteen second timer is a buffer before the camera starts to capture photos or videos. The camera will take pictures or videos automatically according to default settings or custom settings.

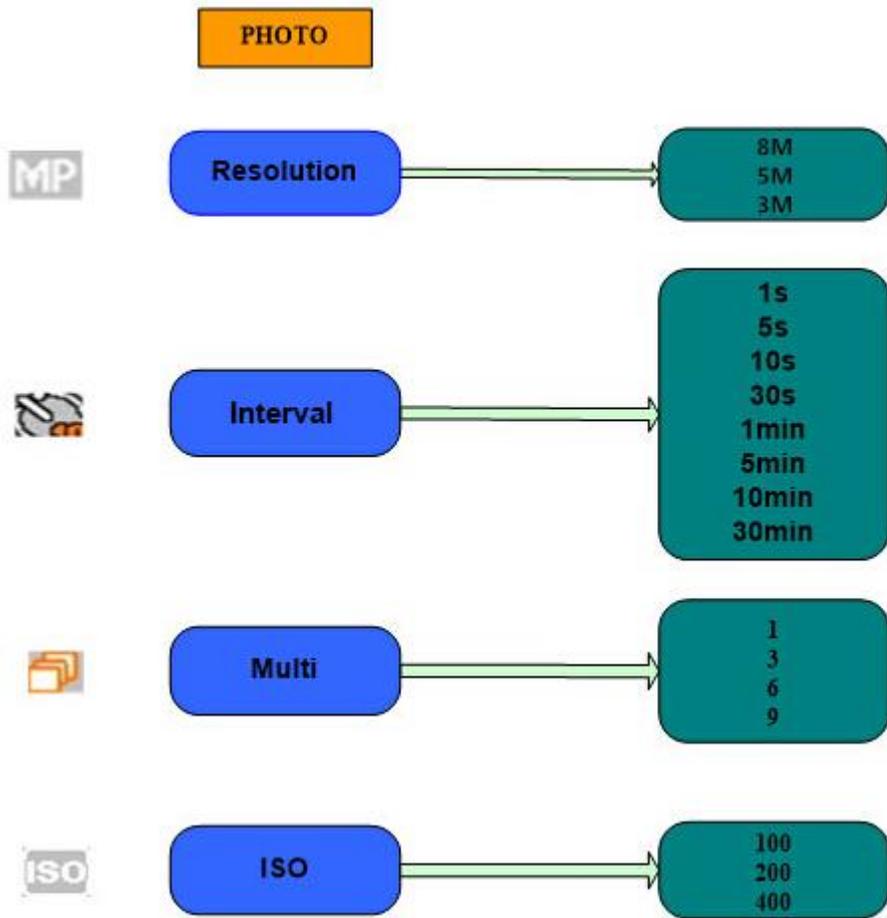
This chapter explains the advanced operations for customizing the camera's settings.

4.1 Settings Menu

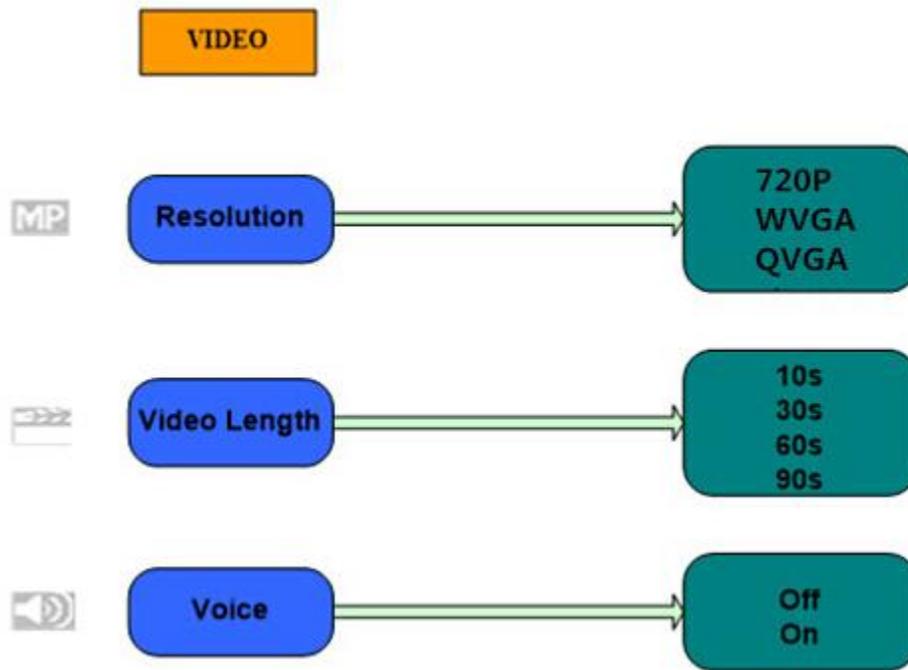
Navigating the Menus and Settings:

- 1) Switched the camera to Test Mode. The Live Image Feed will appear on the camera's LCD display.
- 2) Press the MENU button. The Settings Menu will appear which consists of Camera, Video, and Setup. The top right of screen will display the word Camera, Video, or Setup.
- 3) Press down to navigate the menu and configure features within that settings menu (Camera, Video, or Setup).
- 4) Press the LEFT button to exit a feature (for example, Resolution in the Camera Menu), and return to the corresponding setting menu without saving the feature.
- 5) Press the LEFT button again will set the selection on the Camera Settings, Video Settings, and Setup Settings at the top right of screen.
- 6) Press Menu to exit that settings menu and return to the Live Image Feed.

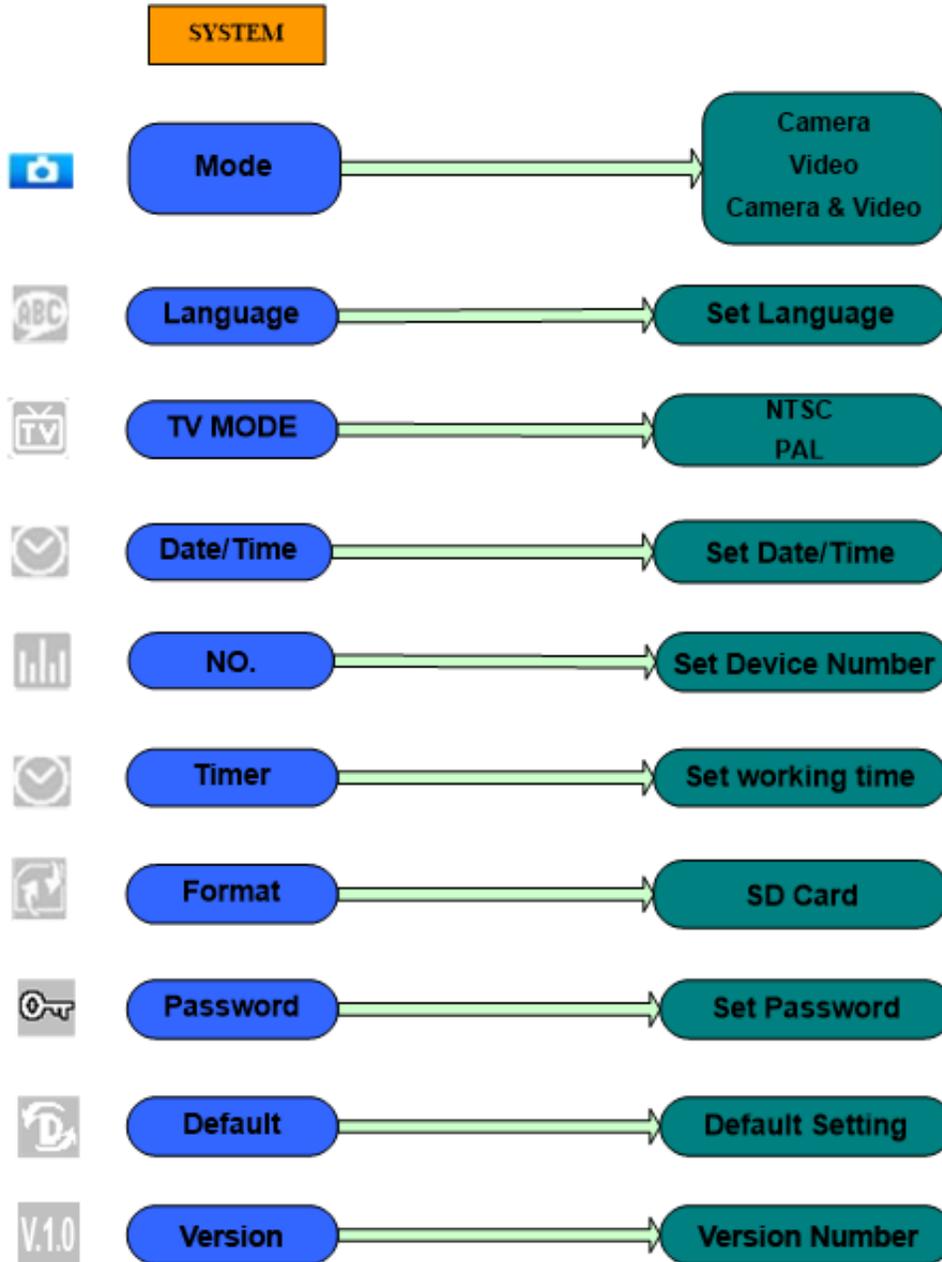
4.1.1 Camera Settings



4.1.2 Video Setting



4.1.3 Setup Setting



4.1.4 Default

Default Settings are listed as below:

Icon	Setting	Default	Options
	Mode	Camera	Camera, Video, Camera & Video
	Language	English	English, French, German, Spanish and Russian
	Resolution (Camera)	8M	8M,5M,3M
	Interval	5 Seconds	5-30 Seconds,1-30 Minute
	Multi	Single	Single,3,6,9 Pictures
	ISO	Auto	Auto,100,200,400
	Resolution(Video)	720P	720P,WVGA,QVGA
	Video Length	10s	10s,30s,60s,90s
	Date/Time	Same Date/Time	YY/MM/DD,MM/DD/YY,DD/MM/YY Adjust
	NO.	CAM 000	6 Alphanumeric Characters

	Timer	0:0:0 to 23:59:59	Adjust
	Format	SD Card	SD Card
	TV Mode	NTSC	PAL,NTSC
	Password	Off	Off, On

4.1.5 General Settings

The steps are suitable for the following menu items: Camera Mode , Photo Size , Video Size , Multi , Video Length , Interval , and Timer .

4.1.6 Camera Mode

There are three camera modes: Camera , Video , and Camera & Video . Set the camera mode via the settings menu.

The following shows how to set the Camera mode to Video, provided that the previous option is Photo:

- a) Press MENU to display the settings menu.
- b) Press RIGHT twice to navigate the Setup Menu ("Setup" will appear to top right of the screen).
- c) Select DOWN until you see Mode.
- d) Press OK to open the submenu and select Video.
- e) Press OK to save the current setting, then press MENU to return to the Live Image Feed.
- f) Press MENU return to the info display without saving the settings.

4.1.7 Format SD-Card

The system will delete all images or videos stored on the SD-card after formatting. Make sure you have a backup of your important data.

- a) Press MENU to display the settings menu.
- b) Press RIGHT twice to navigate the Setup menu ("Setup" will appear at the top right of the screen).
- c) Press DOWN until to Format.

- d) Press OK to select Format.
- e) Press DOWN to select OK. OK will be highlighted.
- f) Press OK to start formatting the SD-card. During formatting, the display screen will show a message, "Please Wait" as below.



Press MENU return to the info display without saving the settings.

4.1.8 Photo Size

The Photo Size  options include three resolutions: 8MP, 5MP and 3MP. The default value is 5 MP. The following shows how to set the photo size as 8MP:

- a) Press MENU to display the settings menu.
- b) Press LEFT or RIGHT to navigate the Camera menu ("Camera" will appear at the top right of the screen).
- c) Press DOWN to select Resolution and press OKAY.
- d) Press UP/DOWN to select 8M.
- e) Press OK to save the current setting, then press MENU to return to Live Image Feed.

Press MENU return to the info display without saving the settings.

4.1.9 Video Size

The Video Size  option include three resolutions: 720P, WVGA, and QVGA. The default value is 720P. The following shows how to change the video size provided that the previous option is at 720P:

- a) Press MENU to display the settings menu.
- b) Press LEFT or RIGHT then DOWN to navigate to the Video menu ("Video" will appear at the top right of the screen).
- c) Press DOWN to select Resolution.
- d) Press OK then select 720P, WVGA, or QVGA.
- e) Press OK to save the current setting, then press MENU to return to Live Image Feed.

Press MENU return to the info display without saving the settings.

4.1.10 Date and Time

You can change the date and time  of the device by setting this parameter when necessary, e.g., after every battery change. The date format is year/month/date by default, the time format is hour: minute: second by default. The valid value for year is between 2014 and 2050.

Provided that the date and time are needed to be set to February 5th, 2016 at 10:30AM, the steps are as following:

- a) Press MENU to display the settings menu.
- b) Press RIGHT twice to navigate to the Setup menu (“Setup” will appear at the top right of the screen).
- c) Press DOWN then OK to select Date/Time.
- d) Press UP and DOWN to modify the value of the date and time.
- e) Press RIGHT and LEFT to select the different fields to modify.
- f) Press OK to save the current setting, then press menu to return to Live Image Feed.

Press MENU return to the info display without saving the settings.

4.1.11 Multi

This parameter affects the number of pictures taken for each triggering while in camera mode. The Multi  option include four values: Single, 3 Pictures , 6 Pictures , and 9 Pictures . Its default value is Single.

The following shows how to set photo burst to 3 Pictures , provided that the previous option is Single:

- a) Press MENU to display the settings menu.
- b) Press RIGHT or LEFT to navigate the Camera menu (“Camera” will appear at the top right of the screen).
- c) Press DOWN then OK to select Multi.
- d) Press DOWN/UP and select 3 pictures.
- e) Press OK to save the current setting, then press MENU to return to Live Image Feed.

Press MENU return to the info display without saving the settings.

4.1.12 ISO

This menu can capture a higher quality photo at night. The lower the ISO the less noise that’s digitally produced by exposure. The higher the ISO the brighter the picture, often contains noise that looks like film grain or color banding.

The ISO  setting has four values: AUTO , 100 , 200 , and 400 . The default value is Auto. The following shows how to change the ISO setting.

- a) Press MENU to display the settings menu.
- b) Press RIGHT or LEFT to navigate to the Camera menu (“Camera” will appear at the top right of the screen).
- c) Press DOWN and then OK to ISO.
- d) Press DOWN/UP to select the desired ISO setting.
- e) Press OK to save the current setting, then press menu to return to Live Image Feed.

Press MENU return to the info display without saving the settings.

4.1.13 Video Length

This menu is used to set the length of the video that is recorded after it has been triggered. The Video Length 

option has four values: 10 Seconds, 30 Seconds, 60 Seconds, and 90 Seconds. The following shows how to set video length to 30 Seconds, provided that the previous value is 10 Seconds:

- a) Press MENU to display the settings menu.
- b) Press RIGHT or LEFT to navigate the Video menu ("Video" will appear at the top right of the screen).
- c) Press DOWN then OK to select Video Length.
- d) Press DOWN/UP to select the desired Video length.
- e) Press OK to save the current setting, then press menu to return to Live Image Feed.

Press MENU return to the info display without saving the settings.

4.1.14 Video Sound

The following shows how to turn off Video Sound  on recordings:

- a) Press MENU to display the settings menu.
- b) Press RIGHT or LEFT to navigate the Video menu ("Video" will appear at the top right of the screen).
- c) Press DOWN then press OK to select Voice.
- d) Press DOWN/UP to select if you want sound on or off.
- e) Press OK to save the current setting, then press menu to return to Live Image Feed.

Press MENU return to the info display without saving the settings.

4.1.15 Interval

This parameter is how long the PIR (Passive Infrared motion sensor) will be disabled after each triggering while in the ON mode. During this time the PIR of the device will not react to motion. The minimum Interval is one second. This means the PIR works indefinitely and photos/recordings are taken almost continuously. The maximum interval is 30 minutes. This means the PIR will be disabled for 30 minutes after each trigger. The default value is one second. The following shows how to set the PIR Triggering Interval Time to 10 seconds provided that the previous option is one second.

- a) Press MENU to display the settings menu.
- b) Press LEFT or RIGHT to navigate the Camera menu ("Camera" will appear at the top right of the screen).
- c) Press DOWN twice then OK to select Interval.
- d) Press DOWN to select 10 seconds  or desired interval.
- e) Press OK to save the current setting, then press menu to return to Live Image Feed.

Press MENU return to the info display without saving the settings.

4.1.16 Timer

The Timer  defines a certain time period, in a 24-hour format, during the day when the camera can be triggered. The rest of the time the device is shut off. The effective value of the hour ranges from 0 to 23 while the minute

ranges from 0 to 59.

Provided that you want the camera to work from 8:00AM to 5:00PM, the steps are as follows:

- a) Press MENU to display the settings menu.
- b) Press RIGHT to navigate the Setup menu (“Setup” will appear at the top right of the screen).
- c) Press DOWN then OK to select Timer.
- d) Press RIGHT/LEFT to select a field and press UP or DOWN to change the value until the start time changes to 8 and the stop time changes to 17.
- e) Press OK to save the current setting, then press menu to return to Live Image Feed.

Press MENU return to the info display without saving the settings.

4.1.17 Enter Password

If the Password  setting is set to ON mode, after switching on the camera, the LCD screen on the camera will prompt to enter the password. The default password setting is off. It can be changed by the following steps:

- a) Press MENU to display the settings menu.
- b) Press RIGHT to navigate the Setup menu (“Setup” will appear at the top right of the screen).
- c) Press DOWN then OK to select Password.
- d) Select On, press OK, then press RIGHT to select four numbers as a password.
- e) Press OK to save the current setting, then press menu to return to Live Image Feed.
- f) The LCD screen will prompt to enter password next time you switch on the camera.

Press MENU return to the info display without saving the settings.

4.2 Playback

In Playback Mode , images and videos can be viewed, deleted, and locked. The images and videos can be viewed on the LCD screen on the camera or the TV monitor connected to camera with the TV cable. For simplicity, operations with the PC won't be introduced here.

4.2.1 Viewing Photo or Video

- a) Switch to TEST mode and enter into the Live Image Feed.
- b) Press RIGHT to view the latest picture (or video) on the LCD screen on the camera or TV monitor.
- c) Press LEFT to start playing the video being viewed.
- d) Press LEFT again to pause the video.
- e) Press UP to view the previous picture (or video) and DOWN for the next.
- f) Press OK to return to Live Image Feed.

When viewing images, the total number of all images in the SD-card and the index of the displaying image will be shown respectively.

4.2.2 Delete Photo or Video

To Delete  a photo or video, the operation are as follows:

- a) While in the Live Image Feed, press RIGHT to display Photos and Videos.
- b) Press UP and/or DOWN until the video or image you would like to delete appears on the screen.
- c) Press MENU and then DOWN to select Delete.
- d) Press OK then DOWN/UP to select delete current or delete all.
- e) Press OK. Cancel and OK are prompted.
- f) Press OK to delete the image or video.

Press Cancel to cancel. Then press MENU then OK to return to Live Image Feed.

NOTE: After deleting a picture or a video file, the deleted files cannot be restored. Furthermore, in order to delete all the images and video clips in the SD-Card, we suggested formatting the SD-Card through the settings menu.

4.2.3 Lock Photo or Video

To Lock  a photo or a video, the operations are as follows:

- a) While in the Live Image Feed, press RIGHT to display Photos and Videos.
- b) Press UP and/or DOWN until the video or image you would like to delete appears on the screen
- c) Press MENU and then DOWN to select Protect.
- d) Press OK then DOWN/UP to select lock current or lock all.
- e) Press OK. Cancel and OK are prompted.
- f) Press OK to lock the image or video.

Press Cancel to cancel. Then press MENU then OK to return to Live Image Feed.

4.3 File Numbering

Images and videos are saved as DCIM (Digital Camera Images) separately saved in a pre-named folder (100MEDIA). File number increases as new photos or videos are taken. The file name is similar to PTDC0001.JPG or PTDC0001.AVI. Through the suffix you can distinguish whether the file is an image (with suffix.jpg) or a video (with suffix.avi).

4.4 Firmware Upgrade

This camera requires a manual firmware update when an improved version is available. Check amcrest.com/firmware for updates, download the latest firmware file onto an SD card, then insert it into the camera (see instructions below for full details on how to achieve this).

Any trail camera should always operate on the latest firmware version available. Please ensure there is sufficient battery life when upgrading the firmware, otherwise the upgrade process can be interrupted. If any issue occurs after an improper upgrading process, the camera can potentially stop functioning properly.

To update firmware, follow the below steps:

- 1) First download the most recent firmware from <http://www.amcrest.com/firmware>
- 2) Unzip the update file.
- 3) Copy the FW18NA.bin to an SD card.
- 4) Insert the SD card into the camera.
- 5) Power on the camera into Test Mode.
- 6) The camera will read the SD card and update itself automatically. When updating the camera, the screen will be black.
- 7) The screen will light up after the update is finished.
- 8) Turn the camera off.
- 9) Remove the SD card, then insert it into a pc, and delete the FW18NA.bin file on the SD card. (If you don't do this, the camera will try to update again when it is powered on.)
- 10) Insert the SD card into the camera like normal. The camera should have the latest firmware installed at this point.

5. FAQs/Troubleshooting

1. No storage without an SD card.

The camera does not have internal memory and a separate purchase of an SD card is required. Mounting capacity of an SD Card is up to 32MB. It is crucial that the camera is set on OFF mode and that SD-Card is on Write mode when inserting the SD-Card. See section 2.2 for further information.

2. Camera does not turn on or turns off randomly while playing videos and pictures.

It is possible that the batteries are defective or were placed incorrectly. Please ensure all batteries are inserted correctly and are functioning. AA batteries with 1.5V output of the same type must be used otherwise, the camera may not turn on. See section 2.1 for further instructions on inserting batteries.

Another possibility is that the camera was not powered on properly. The camera's power switch must be toggled to TEST mode first. The LCD screen must turn on before switching it to ON mode. If camera still does not turn on, it may be defective and may have to be sent back for replacement.

3. Remote does not work.

The remote range is up to 30 feet, however, this may vary depending on the battery power. Battery may have to be replaced and/or the battery tray may have to be cleaned with a microfiber cloth or airblower. If the battery has been replaced and/or tested, and still does not work, the remote may be defective and have to be sent back for replacement.

4. Cannot configure camera or view pictures.

Camera must be in TEST Mode to configure the settings and view video clips and pictures after recording. The testing feature on the camera is used to ensure that the device is operational and will capture an image in the desired area. After inserting the battery tray with AA batteries while the camera is on OFF mode, move the selection switch to TEST mode. The Amcrest logo should appear then the image of what the camera has in frame. While in TEST mode, you will be able to adjust the camera settings to your preference and needs. Please reference to section 3.1 for instructions on all settings.

5. Camera does not read SD card.

If you're experiencing SD Card errors while the camera please ensure that you're following the recommendations below:

- Insert the SD Card when the power switch is in the OFF mode before testing the camera.
- Do NOT insert or take out the SD Card when the power switch is in the ON mode.
- Insert the SD Card into the card slot with contacts facing the front of the camera.

NOTE: SD Card should only be inserted in one direction. Make sure that the write-protection "Lock" switch of the SD Card is in the "Write" position (not locked). If the SD Card isn't inserted in this fashion the camera will pop up with SD Card Error once the device is turned to TEST mode. It is recommended to format the SD Card with the camera

during its first use. If you are having problems reading the SD Card, please format the card using a computer and then reinsert the card into the camera and try again.

Glossary of Terms

Firmware: To prevent unauthorized access and maintain the camera's security, Amcrest will periodically update its software which is available at amcrest.com/firmware. We recommend running on the latest firmware for maximum security and best product performance.

ON Mode: In this mode, camera is ready to capture images or video on the default settings if it has not been configured under TEST mode. The motion indication LED (red) will blink or about 15 seconds before it the camera begins capturing images or video. Please note that the switch must first be set in TEST mode to allow the camera to fully power on before using the camera in ON mode.

PIR (Passive Infrared Sensor): wide highly sensitive motion sensor which functions like a typical security motion detector. Requires infrared energy (heat) in addition to motion to trigger the sensor to help limit detection to live subjects. For this reason, we recommend that the camera is strapped to a tree away from direct sunlight which may increase sensitivity.

TEST Mode: The switch between the ON and OFF mode. TEST mode is primarily used to customize the camera's settings, playback and view videos and pictures, and change password. The TEST mode was designed to configure your camera's settings which activates the LCD screen. When in the ON mode LCD screen will not display and configuration is not possible.

Write-Protection Mode: This is a lock switch on the left side of the adapter card which must be switched to when inserting into the camera.

Appendix I: Technical Specifications

Image Sensor Type (True Megapixels)	8 Mega Pixels Color CMOS
Memory	SD Card 8MB~32GB
Lens	F=3.1; FOV=120 °
Size	145mm * 80mm * 55 mm
IR Filter:	Full Automatic IR Filter
TFT Display Screen:	2.0 inch
PIR Sensitivity	Auto
PIR Sensor Sight Angle	100 Degrees
PIR Sensing Distance	65ft/20m
Number of IR LED	48 LEDs
Max Night Vision Lighting Distance	65ft/20m
Trigger Speed	0.7 second
Low Battery Indicator	Yes
Triggering Interval	1/5/10/30 Seconds & 1/5/10/30 Minutes
Selectable Image Resolution	8MP/5MP/3MP
Multiple Frame	1/3/6/9
Video Resolution	720P/WVGA/QVGA
File Format	JPEG/AVI
Date/Time Imprint	Yes
Exposure	Auto
MMS/EMAIL/SMS Support	No support
Device No.	6 Alphanumeric Characters
Periodic shot	1Second~24Hours
Stand-by current	0.2mA
Stand-by time	3 Months (2000mAh Lion battery)
Interface	TV out (NTSC/PAL); USB; SD Card Holder; 6V 1A DC External
Fix Method	Strap or Tripod Mount Compatible
Operation Temperature	-30 ~+70°C/-22~+158°C
Power Supply	8×AA or 4×AA battery
Camera Socket	Yes
Water proof	IP54
Security authentication	FCC,CE,RoHS

Appendix II: Parts List

Part Name	Quantity
Digital Camera	1
Wireless controller	1
USB Cable	1
TV cable	1
User Manual	1