LTL ACORN®

Ltl-6210 ULTRA Infrared Trail Camera

4K UHD Video WiFi6 Wireless Transmission

Scan the QR code to download Android APP *LTL ACORN*

Search *LTL ACORN* in APP Store to download IOS version APP

Quick Start Instructions

Application: hunting, security and surveillance, nature conservation, forest fire prevention and animal and plant observation.

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Ver：Ltl-6210U-EN-005

Camera Illustration



Camera Interface: SD card slot, DC power port.
Power Mode Switch: 3 positions of switch, **OFF**-power off. **ON**-auto sensing and shooting mode, upload through WiFi network. **TEST**-preview mode, power on and activate WiFi hotspot (operate camera in the APP).
Work Indicator: flashes when PIR sensing in TEST mode, in ON mode the light flashes 10s before entering auto shooting mode.

Quick Start

1.1 Insert SD Card



Camera supports 16GB~512GB(Class10) SD card, please format SD card on the computer before using it for the first time (FAT32 format). After the camera captures, you can remove the SD card in the camera, connect it to computer with the card reader to browse and download images directly on computer.

1.2 Load Batteries





Please follow the positive and negative marks on battery cover to load batteries to avoid danger, please remove the batteries from the camera when it is not in use for long time.

1.3 IR Sensing & Shooting in ON Mode

Turn Camera Switch to ON Position → **Indicator Light Flashes 10s** → **Enter Automatic Working Mode**

Camera is set to Video or Photo + Video mode and enters auto-detection status in ON mode, when human or animal enters the PIR sensing range, it will trigger camera to capture, or capture according to time lapse settings.

1.4 Automatically Adjust Video Length in ON Mode

When camera is in Video or Photo + Video mode, set the Video Length as Auto(auto and 5s~60s for option), in ON mode, camera will detect the activity of animal/people in front of it and adjust the recording time automatically range from 5~60 seconds, if the animal is active in the PIR detection range, video length would be automatically extended 5s until reaches 60s, if the animal is no longer active or out of the PIR detection range, camera will stop recording.

1.5 Recording Mode under ON Mode

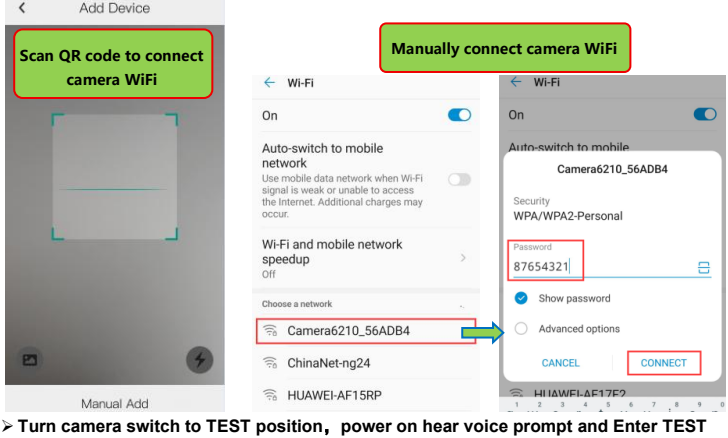


Set camera mode to “Recording”, in ON mode,the audio recording can be triggered by PIR or by Time Lapse, recording duration and sampling rate are configurable.The camera won’t record picture/video under audio recording mode.

1.6 TEST Mode

Turn camera switch to TEST position，power on and enter TEST mode ,after the phone is connected to the camera WiFi, enter APP 

you can preview the camera screen, set up camera shooting parameters, set up camera wireless transmission parameters, manually take the photo/video by remote control and check the file taken by the camera.



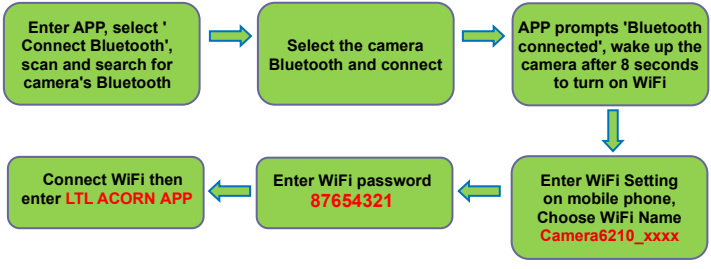
➢ **Turn camera switch to TEST position，power on hear voice prompt and Enter TEST**

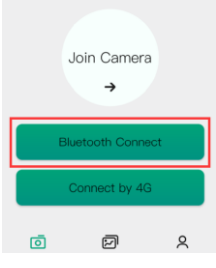
Mode.

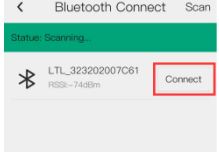
- **Open the 'LTL ACORN' app on your phone and click ' Join Camera'.**
- **Connect to the camera's WiFi by scanning the QR code on the camera body or manually entering the WiFi password (Choose WiFi Name Camera6210_xxxxxxe, enter WiFi Password 87654321).**
- **After the phone successfully connects to the camera WiFi, the voice prompts' WIFI connected! '.**
- **Mobile phone connects the camera WiFi and back, click 'Enter Camera' to enter camera operation interface.**
  Note: The camera WIFI password can be modified in the APP parameter setting, please keep the modified WIFI password to avoid forgetting.

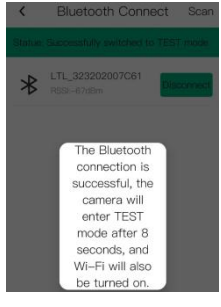
1.7 Activate Camera in ON Mode by Bluetooth

Camera in ON mode, you can connect it's Bluetooth to wake it up from a distance to enter TEST mode, then connect camera WiFi hotspot, operate it on APP(camera would enter ON mode if no operation within 3mins) without removing from the tree, make it easier for user.









Note: To use APP Bluetooth wake-up function, please turn on the Bluetooth and GPS of your mobile phone, or the it may not be able to search the Bluetooth.

The APP can only activate and operate one camera by Bluetooth at a time, when there are multiple cameras need to be activated through the APP, please operate them one by one. Record the last four digits of the camera's Bluetooth name to prevent duplicate connection. Once Bluetooth is connected, the APP will show the camera's WiFi hotspot. Connect the phone to the camera's WiFi, set up camera on APP then exit, re-enter the APP Bluetooth connection interface to operate the next camera.

1.8 Low Battery Alert

The camera shows the battery level on each picture. When the battery level is high, the battery icon is shown as  at the bottom left corner. When the battery level gets lower, it shown as . When the battery level is continuously decreased, it will be shown as  , means that it's time to replace the battery. Otherwise, when the power continues getting lower, the battery icon will be changed to  and the camera will stop working due to low power. User can replace the battery timely according to the battery level displayed on the photo sent by camera.

In TEST mode, the camera can display the battery percentage via the APP. When the camera switch is toggled to TEST mode, if the camera fails to power on and the red indicator light stays on, it indicates low battery and requires battery replacement.

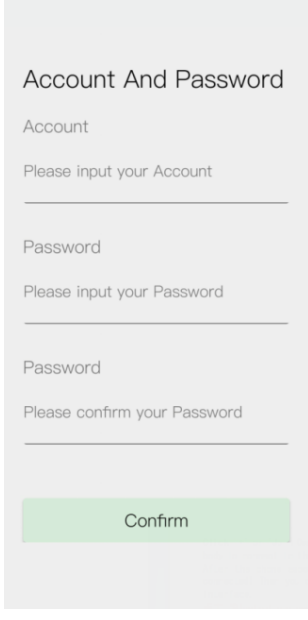
1.9 Voice Broadcast Function

When setting the camera in TEST mode, the following operation will have a voice to indicate the camera's current working status.

Category	Voice broadcast content	Note
Boot Music	/	(Simple and crisp music)
Update Reminders	**Updating, please wait 1 minute...**	Indicates the firmware update started
Update Done	**Update done.**	Indicates the firmware update is finished
No Memory Card	**No SD card!**	Indicates the camera didn't read memory card
Configuration Finished	**Config done.**	Indicates camera has been configured
Wrong Sending Parameters	**Wrong sending parameters!**	Indicate when parameters error is detected when manual sending
WiFi Connected	**WIFI connected!**	Connecting WIFI successfully
Default settings completed	**Default settings completed!**	Indicates camera returns to default setting
Connected to Network	**Network connection successful.**	Indicates connected to Network
Failed to connect to Network	**Network connection failed.**	Indicates connection to Network is failed
Sent successfully	**Sent successfully.**	Indicates sent successfully
Failed to send	**Failed to send!**	Indicates failed to send

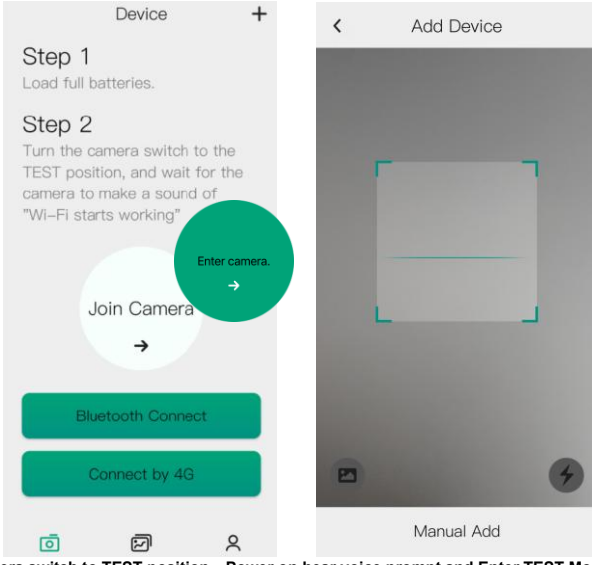
LTL ACORN APP

Using the mobile phone to scan QR code on manual, choose to download the android or Apple version “LTL ACORN” APP. Before operating the camera on "LTL ACORN" APP, make sure that the camera is powered on in TEST mode (Screenshot taken from Apple IOS APP).



Open the APP to enter the login interface, enter the user name and password (password no less than 8 digits), and log in to the APP after confirming.

This user name is used to record the name of the connected camera, and save the image downloaded from the connected camera to the phone. In the album on the device page, the downloaded images are displayed according to the camera name.



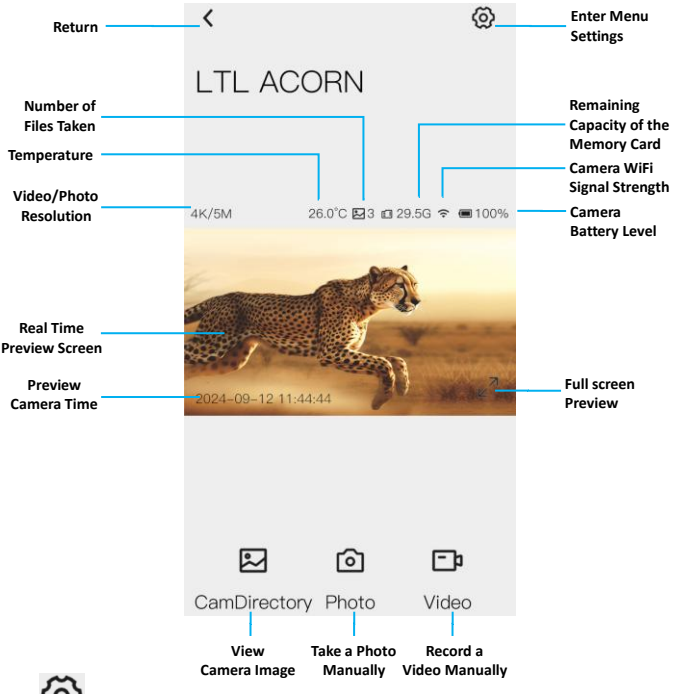
Turn camera switch to TEST position，Power on hear voice prompt and Enter TEST Mode.

Click '**+**' or '**Join Camera**' in the upper right corner to scan the QR code on the camera body to connect to the camera WiFi or manually connect to the camera WiFi.After the phone successfully connects to the camera WiFi, the voice prompts 'WIFI connected!' Then you can directly click '**Enter Camera**' to enter the camera operation interface.

If multiple phones connect to the camera's WiFi hotspot, only the first connected phone can enter the APP and access the camera operation, other devices will not be able to enter the camera operation interface.

Click 'Bluetooth connect' to connect camera Bluetooth, wake up the camera in ON mode from a distance and turn on WiFi hotspot, mobile phone connects the camera WiFi and back to this interface, click 'Enter Camera' to enter camera operation interface.

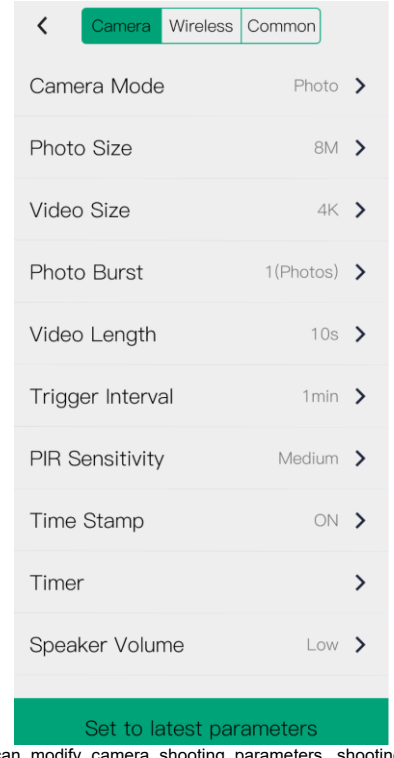
2. 1 LTL ACORN APP Homepage



Click " " on the camera homepage to enter the camera menu settings and display the current settings of the camera. Camera camera shooting parameters settings , Wireless wireless upload parameters settings, Common common menu.

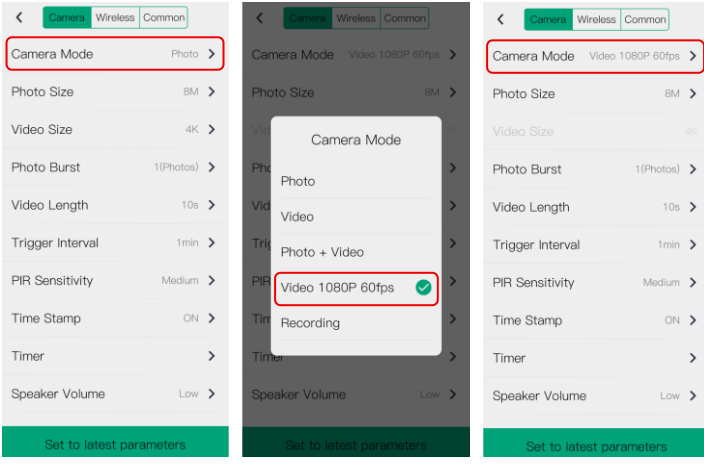
Batch setup multiple cameras: Generate camera setting file menu.dat and wireless setting file CFG.BIN via CameraSetup.exe, copy the files to SD card and insert it into the camera, switch to the TEST position to power on camera, you can hear the broadcast 'Config done.', indicating that the camera parameters are successfully configured.

2. 2 Shooting Parameters Settings



On this page you can modify camera shooting parameters, shooting mode, coordinates, camera ID, WiFi password etc., after modification, click Set to latest parameters to confirm, it can update settings to camera and broadcast voice prompt to indicate the configuration status is successful or not (format and restore default settings do not need to click Set to latest parameters) .

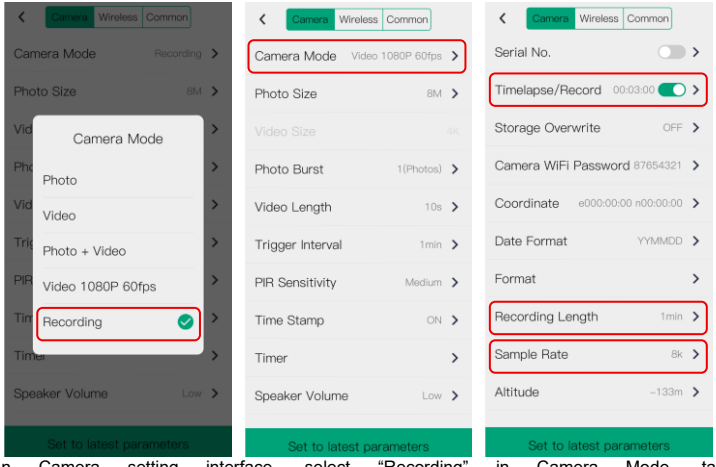
2. 3 Set up Video to 1080P 60FPS



In Camera setting interface, tap ‘Camera Mode’, you can choose ‘Video 1080P 60fps’, tap Set to latest parameters to save the settings, you will hear voice prompt for the configuration status, then the camera will record video in 1080P 60fps.

Note: After setting the camera to record video in 1080P 60fps, menu ‘Video Size’ is disabled, to enable the ‘Video Size’, please set up the ‘Camera Mode’ to ‘Photo’, ‘Video’or ‘Photo + Video’.

2. 4 Audio Recording Mode

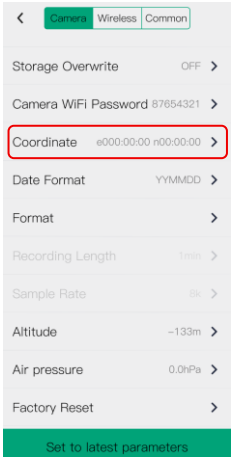


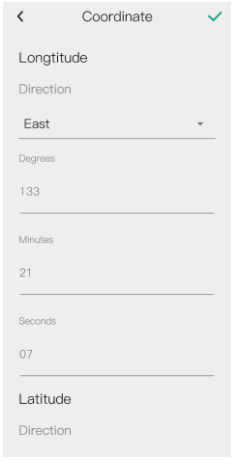
In Camera setting interface, select "Recording" in Camera Mode, tap Set to latest parameters to update settings to camera, you will hear voice broadcast of setting status. Set PIR Sensitivity to OFF, set up a value for Timelapse/Recording, the camera will record audio only as per the cyclic time lapse settings, if the PIR Sensitivity is not set to OFF, the camera will record audio when PIR is triggered, time lapse and PIR can work together or independently.

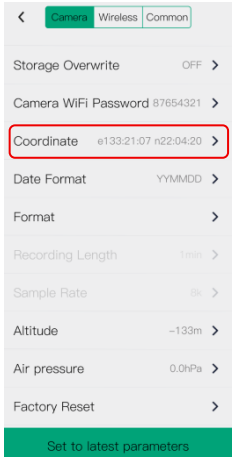
The camera won't record picture/video under audio recording mode.

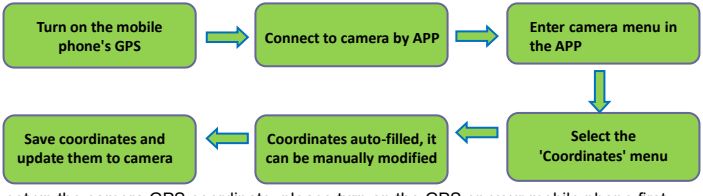
Note: When the camera is in Recording mode, it only records audio but not photo/video..

2. 5 Set up GPS Coordinates



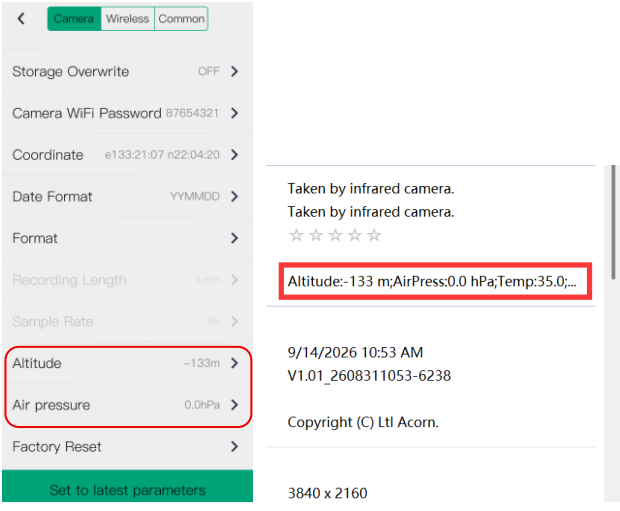






To set up the camera GPS coordinate, please turn on the GPS on your mobile phone first. Enter the camera menu on APP, tap to enter 'Coordinates', the latitude and longitude will be automatically filled (if the phone coordinates are not accurate or the phone doesn't have GPS module, you can manually enter the coordinates), then click the icon ✓ in the upper-right corner to confirm and return to the camera menu, click Set to latest parameters to update the current settings to the camera.

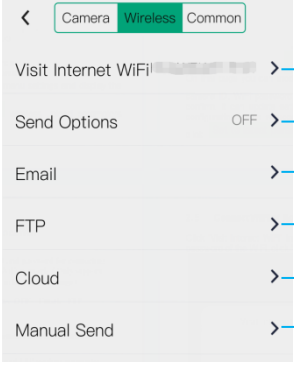
2. 6 Set up Altitude and Air Pressure



Obtain the altitude and air pressure data from the third party tool, in below menu, tap Altitude and Air Pressure to enter the data then click the icon ✓ in the upper-right corner to confirm and return to the camera menu, click Set to latest parameters to update the current settings to the camera.

2. 7 Wireless Setting Menu and Manual Send

In this menu interface, you can set up and modify the camera to connect to the router, wireless sending parameters and control the camera to shoot and upload immediately.



Set up the SSID and password for connecting to the router's WiFi network（Only support 2.4G WiFi network to upload image）

Set Send Options: OFF，Email，FTP(SFTP)，Cloud

Enter receiver email address and sender email settings

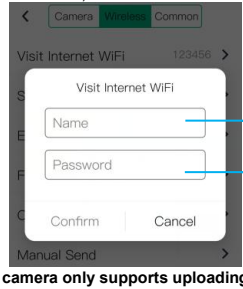
Set up FTP folder and FTP sending parameter

Set Parameters of Cloud System; Enter Account, Password or SIM card number (Camera ID)

Click Confirm, camera will take a image and send it as per the send method chose (make sure the upload parameters are set correctly and camera is in the router's WiFi coverage range, otherwise image cannot be sent)

2. 8 Connect WiFi of Router

Click 'Visit Internet WiFi' in the Wireless menu, follow the prompt to enter the SSID and password of the WiFi, click 'Confirm' to confirm.



SSID

Password

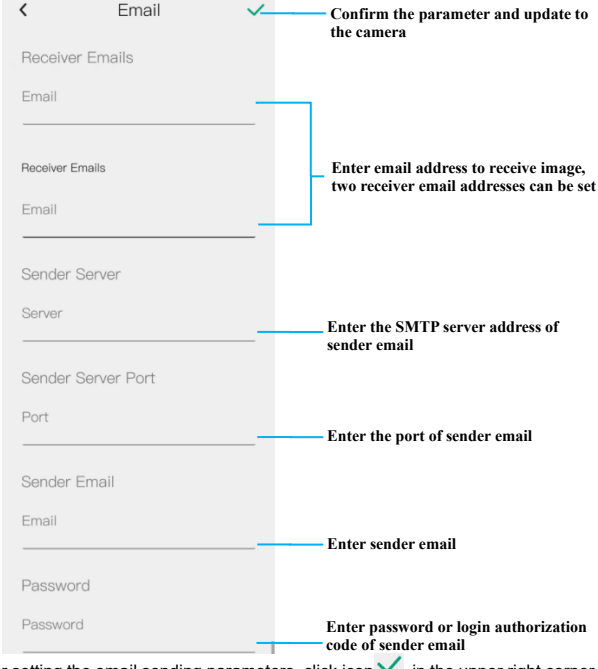
Note: The camera only supports uploading images on 2.4G WiFi network.

2.9 Manual Send

To use the manual send function, ensure that the camera is within the coverage of the router's WiFi signal (2.4G frequency) and input the router's WiFi name (SSID) and password correctly in ' Visit Internet WiFi **'.**
Select **'Send Mode'** as **Email, FTP(SFTP)** or **Cloud,** set the sending parameters correctly, click **'Manual Send'** to pop-up window, click **Confirm** and the camera immediately shoots image and connects to the WiFi network to send to **Email, FTP(SFTP)** or **Cloud** as per the send mode.

2.10 Set up to Send to Email

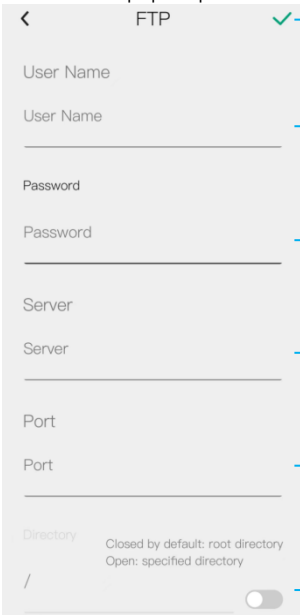
In 'Send Options', select upload method as 'Email', click 'Confirm' to confirm, then click 'Email' to set the receiver email address and sender email settings.



After setting the email sending parameters, click icon ✓ in the upper right corner to update the parameters to the camera, after the camera enters ON mode and takes image, it would send the image to receiver email through the WiFi network.

2. 11 Set up to Send to FTP（SFTP）

In 'Send Options', select upload method as 'FTP', click 'Confirm' to confirm, and click 'FTP（SFTP）' to set up upload parameters.



Setting up FTP server parameters： Enter the login address, port, username, and password corresponding directly to the established FTP server, then confirm the settings to the camera.

Setting up SFTP server parameters（Using Amazon SFTP server as an example）：

a) The SFTP server port must be 22 or 56332, and set it to the camera.

b) Enter the login address, port, username corresponding to the SFTP server you had set up.

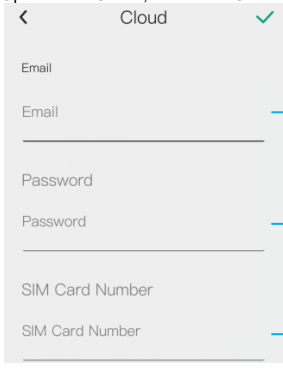
c) Enter the folder name or specified folder path where images are saved on the server (Bucket).

d) The SFTP server's private key file must be renamed to 'ltlacorn', and copy this renamed private key file to the root directory of the camera's SD card, it will automatically update to the camera when turning on.

After setting the FTP(SFTP) **sending parameters, click icon** ✓ **in the upper right corner to update the parameters to the camera, after the camera enters ON mode and takes image, it would send the image to FTP**(SFTP) **server through the WiFi network.**

2. 12 Set up Ltl Acorn Cloud System Parameters

After setting the WiFi name and password of ' Visit Internet WiFi ' in the wireless menu, set the 'Send Options' as 'Cloud', then click 'Cloud' to set up the upload parameters.



Confirm parameters and update them to camera

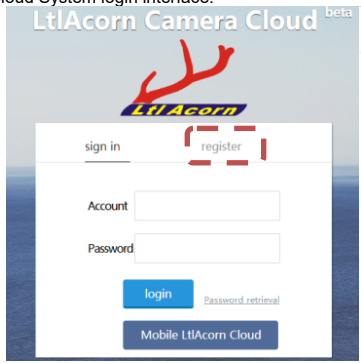
Enter account of Cloud System

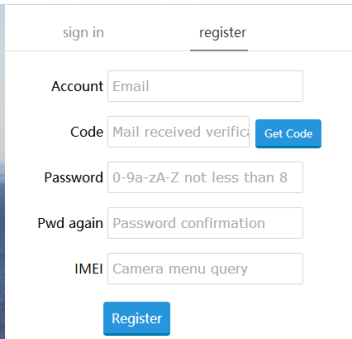
Enter password of Cloud System

Enter the camera ID or SIM card number to identify images uploaded by different cameras in Cloud System

After setting the parameters of Ltl Acorn Camera Cloud System, click the icon  to update the parameters to camera, the camera will be able to send the images to the Ltl Acorn Cloud System through the WiFi network in ON mode.

Open web browser and enter website: http://ltl.miniacorn.us/index to enter the Ltl Acorn Camera Cloud System login interface:



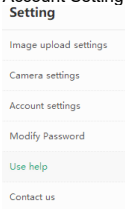


Note: To quickly register a cloud system account, please enter the camera's IMEI number in the "Valid IMEI" field. For cameras without an IMEI number, enter the last 6 letters

and/or numbers of the WiFi hotspot name.
Click "**register**", enter the account and password, click on the login button to login the Ltl Acorn Camera Cloud system.
Click " **Mobile LtlAcorn Cloud** " to enter the download page of Ltl Acorn Camera Cloud System Mobile APP, download and install the mobile phone APP according to the prompts.

After logging into the Ltl Acorn Camera Cloud System on computer, click button 

Account Setting in the Ltl Acorn Camera Cloud System page, then click the button

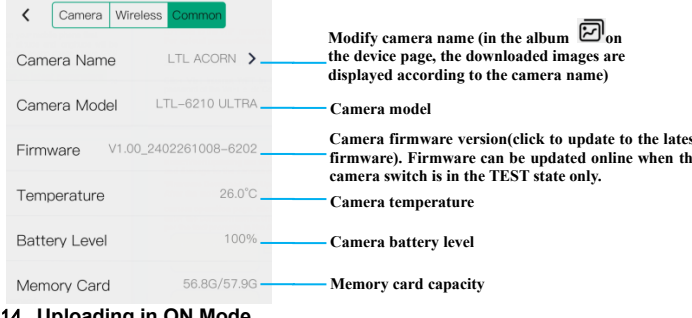


Use help at the left setting menu in the page to open the instruction manual of the Ltl Acorn Camera Cloud System.

Note: Please refer to the detailed operation instructions of Ltl Acorn Cloud System, Ltl Acorn Cloud System mobile APP and WeChat official account in the Use help of Ltl Acorn Camera Cloud System website.

2. 13 Common Menu

You can view the information of the camera currently connected and modify the camera name in the APP account.



2. 14 Uploading in ON Mode

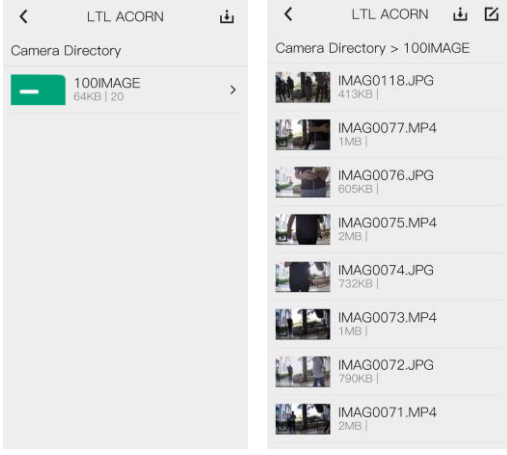
After the camera taking image in ON mode, it will turn on WiFi module to automatically search

and connect to the router WiFi preset in Visit Internet WiFi, then upload the image to Email or FTP through WiFi.

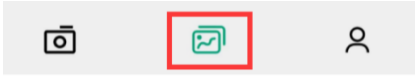


2. 15 View and Download Image

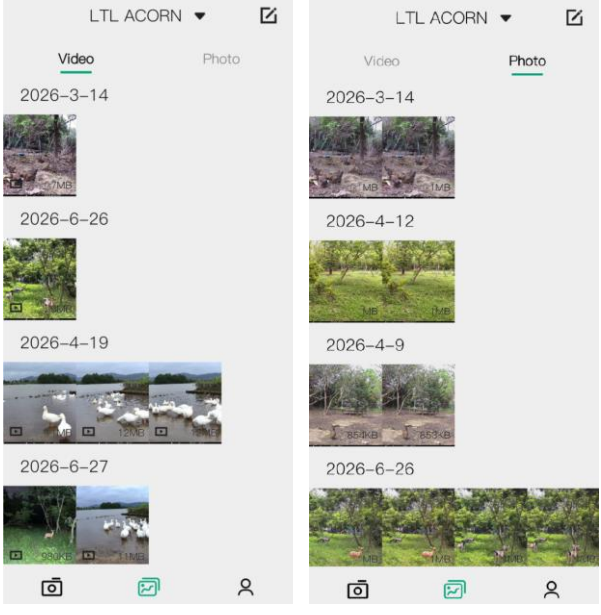
Click icon CamDirectory in the APP preview page to check interface of memory card, you can view, download and delete image on this interface.



2. 16 View Downloaded Image



Click icon  on Device page to view the images downloaded. Different camera with different name, you can choose to view the downloaded image of the desired camera.



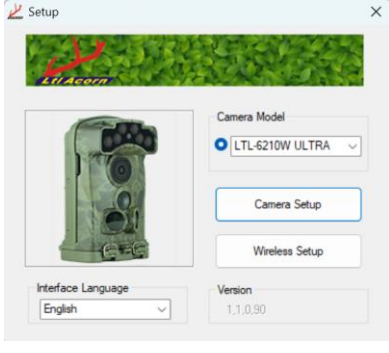
Modify Camera Parameters on PC

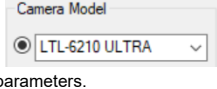
Generate camera setting file menu.dat and wireless setting file CFG.BIN via CameraSetup.exe, copy the files to SD card and insert it into the camera, switch to the TEST position to power on camera, you can hear the broadcast 'Config done.', indicating that the camera parameters are successfully configured, batch setup multiple cameras.

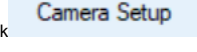
Use mobile phone to scan QR code on manual, choose to download CameraSetup.exe.

Double click 

on computer to enter software CameraSetup.exe.

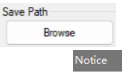


Choose model as 

, click 

to modify camera shooting parameters.

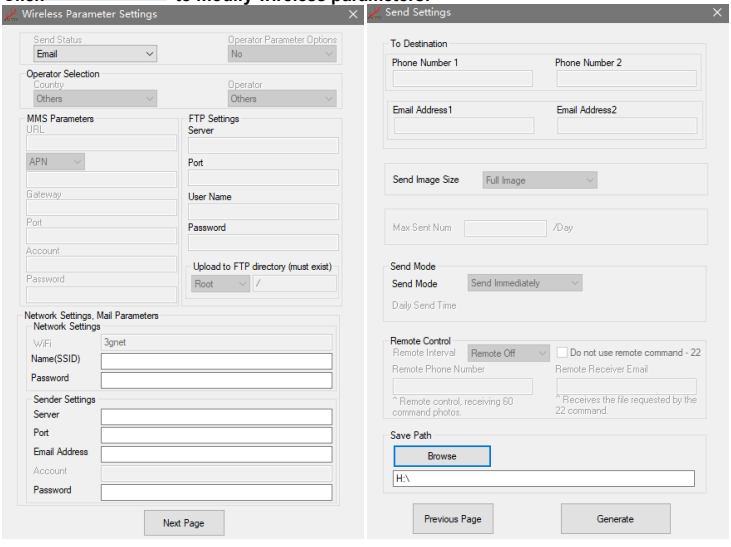


Set the camera parameters as required, click 

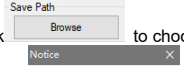
to choose the save path, then click Default or Generate will pop out window: 

Copy the file **menu.dat** to the root directory of SD card. Retrieve the SD card from computer and insert it into camera, switch to the TEST position to power on camera, you can hear the broadcast '**Config done.**', indicating that the camera shooting parameters are successfully configured.

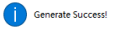
Click Wireless Setup **to modify wireless parameters:**



Set up the camera upload method（OFF, Email, FTP(SFTP), Cloud System）, upload parameters, WiFi SSID and password of router as required.

Click Next Page to enter next page, click 

to choose the path to save setting file,

then click Generate will pop out window: 

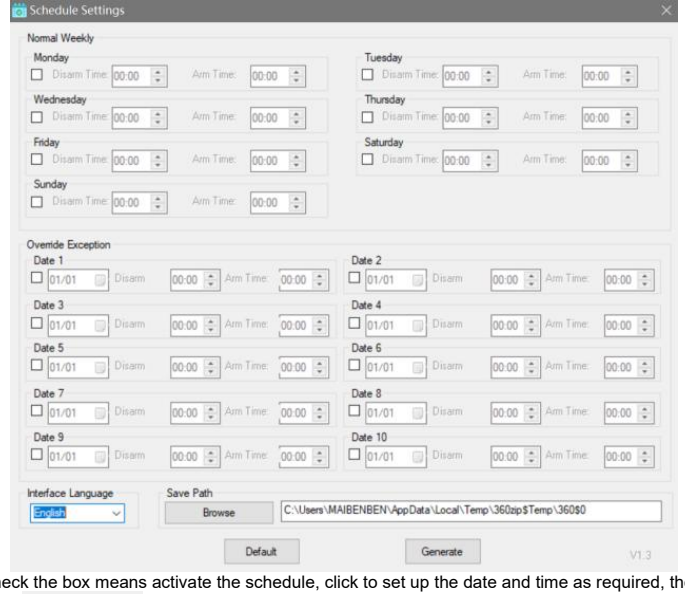
At this moment, a file named **CFG.bin** has been created and saved in the selected directory. Copy the file **CFG.bin** to the root directory of SD card. Retrieve the SD card from computer and insert it into camera, switch to the TEST position to power on camera, you can hear the broadcast '**Config done.**', indicating that the wireless parameters are successfully configured.

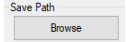
Schedule Settings

The schedule function includes weekly plan ***Normal Weekly*** and special schedule ***Override Exception***. The Normal Weekly allows the camera to work in a specified time period each week, and the ***Override Exception*** allows the camera to work in a specified time period on a specified date.
The Schedule can only be set by using the Schedule Settings software on the computer, please download it by scanning the QR code.



Enter the downloaded software Schedule Settings.exe on computer and set up Normal Weekly and Override Exception.

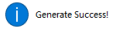


Check the box means activate the schedule, click to set up the date and time as required, then click 

to select the save path for saving the setting file, and click 

,



it will pop out a window 

.
A file named schedule.dat would be generated and saved in the path you just selected.
Copy the file schedule.dat to the root directory of the SD card. Remove the SD card from computer and insert it into the camera. Switch the camera to the TEST position to power on the camera. After the camera is started, you would hear the voice prompt "Config done." , means that the schedule parameters are successfully configured.

Schedule Menu Description:
Normal Weekly: the work schedule can be set for 1 week of 7 days. Weekly schedule is used to perform daily arming and disarming acts.
Arm Time: turn on IR detection (works after IR detection/time lapse is set).
Disarm: disable IR detection (time lapse and IR detection both won't work).

Normal Weekly	Disarm	Arm Time
Monday	9:00	17:00
Tuesday	9:00	17:00
Wednesday	9:00	17:00
Thursday	9:00	17:00
Friday	9:00	17:00
Saturday	00:00	00:00
Sunday	00:00	00:00

Example of normal weekly schedule:
with above settings, from Monday to Friday, camera starts working at 17:00 (works after IR detection/time lapse is set) and stops working at 9:00 (won't work even the IR detection/time lapse has been set);
Camera works the whole day on Saturday and Sunday.

Override Exception: 10 dates could be set.E.g.: holiday, the date set won't execute the normal weekly schedule.

Override Exception	Date Setting	Disarm	Arm Time
Date1	27/09/（27th Sep.）	15:30	17:00
Date2	01/01/（1st Jan.）	0:00	0:00
Date3			
Date4			
Date5			
Date6			
Date7			
Date8			
Date9			
Date10			

Example of override exception schedule:
with above settings, no matter the day of the week on 27 Sep., camera executes the disarm time 15:30 and arm time 17:00 of Override Exception.
with above settings, no matter the day of the week on 1st Jan., camera executes the disarm time 00:00 and arm time 00:00 of Override Exception，camera works(arm) the whole day.

Technical Specification

Item	Parameters
Image Sensor	5 Mega Pixels CMOS sensor；Photo resolution up to 108MP；
Lens	FOV=106°; F=1.6 Auto IR-Cut； (Optional FOV=66°；F=1.6；Auto IR-Cut；)
LED	6 ultra-bright white LED lights, night flash distance of 25 meters
	6 ultra-bright 850nm infrared LED lights, night flash distance of 25 meters
	6 ultra-bright 950nm infrared LED lights, night flash distance of 20 meters
Photo Size	5MP (2880x1616),12MP (4608x2585),32MP (7776x4363), 64MP（10560x6048）,108MP（13824x7776）;
Video Resolution	4K (3840x2160 25fps)， 1080P (1920x1080 25 fps)，1080P (1920x1080 30 fps)， H.265 / MP4 format；Record UHD video with audio recording.
Connect Camera by WiFi	After connecting the phone to the camera's WiFi hotspot, the camera can be operated through mobile APP
LTL ACORN APP	Available in both Android and iOS versions, workable on smartphones and tablets In the app, you can set up camera parameters, preview images, remotely shoot images, playback and download images, as well as update the camera firmware online, etc.
Working Mode	Photo, Video, Photo + Video，Video 1080P 60fps，Recording；
Photo Burst Mode	1~10 photos, interval of each photo ≤ 1 second
Video Length	2~60 sec; Auto (5~60 seconds Automatic adjustment); Programmable;
Recording Length	Audio length in Recording mode, 1min, 2mins, 3mins and 4mins available for setting.
Recording Length	Audio length in Recording mode, 1min, 2mins, 3mins and 4mins available for setting.
Sample Rate	8K, 12K, 32K,44.1K, 48K,96K, optional.
The Camera Voice Broadcast Function	Automatic real-time audio notifications of the camera's status and settings when operating the camera
Bluetooth Connection Distance	30 meters/98.42ft (actual transmission distance depends on the environment)
Bluetooth Wake-up	The camera is in ON auto-sensing shooting mode, activate the camera through Bluetooth connection on APP to turn on the WiFi hotspot without touching the camera, enters TEST mode, then you can operate the camera on APP.
WiFi Connection Distance	Max 60 meters. Actual connection and transmission distance can vary depending on the working environment.
WiFi Transmission Distance	Max 60 meters. Actual connection and transmission distance can vary depending on the working environment and the WiFi router (choose the

	camera with external WiFi antenna and work with outdoor WiFi router, the transmission distance can reach 300 to 360 meters)
WiFi Wireless Send	After the camera takes a photo or video, it can automatically connect to the wireless WiFi router in range to upload the photo or video in its original size to the preset email, FTP or Cloud server. **Note: The camera only supports uploading images on 2.4G WiFi network.**
Send Options	OFF, Email, FTP/SFTP, Cloud System, programmable； OFF=doesn't send file to E-mail/FTP(SFTP)/ Cloud System;
Email Recipient E-mail Address	1~2 E-mail Addresses
Sender E-mail	1 Sender E-mail Address
Remote Control	1 Remote Recipient Phone Number, 1 Remote Receiver E-mail
Recipient FTP(SFTP) Setting	1 FTP(SFTP) Server Setting
Ltl Camera Cloud System	It has the functions of receiving and managing image files, identifying common animal species, setting the parameters of the Ltl Camera Cloud System, and displaying the actual position of camera on the map, etc.
Remotely Modify Camera Parameters	Set the camera parameters and remotely modify on the Cloud System: when the camera uploads images to the Cloud System, it reads the parameter settings generated by the Cloud System and takes effect at next time when the camera works.
Manual Capture and Send	After setting sending parameters on APP, click 'Manual Send', camera automatically captures photo and connects to the router's WiFi network to upload image to the specified E-mail / FTP or Cloud server.
Timer 1 **Timer 2**	On / Off; 0 Sec~23 Hour 59 Min 59 Sec; Two working time period could be set, after turning on, camera can be set to work within the specified time period every day.
Schedule	**Normal Weekly:** camera works within the specified time on the set day of the week. **Override Exception:** set to work in the specified time of specified date.
Time Lapse	Off/ On; 0 Sec~23 Hour 59 Min 59 Sec; Programmable
Serial No.	4~10 digits and alphabets (0~9, A~Z)
Trigger Interval	0sec - 60min; Programmable
PIR Sensing Distance	25 meters/98.42ft (medium sensitivity when below 25°C/77°F)
PIR Sensing Angle	15~100 degrees depending on the distance of the target (E.g.: Sensing angle is 100 degrees when sensing distance is 6 meters, sensing angle is 30 degrees when sensing distance is 28 meters.)
PIR Sensitivity	High/Medium/ Low/ Off
Operation Mode	Day / Night
Trigger Reaction Time	Finish Triggering and Shooting within 0.6S
Auto Power Off	4 minutes

Power Supply	12 AA batteries
Standby Current	45uA
Stand-by Time	2 years（12xAA）
Operating Current	290mA (820mA when LED up)
Power (W)	⩽ 2 W; (When the LED is on, it is less than or equal to 5W.)
DC Charging	Plug Size: 4.0mmx1.7mm; DC voltage: 6V~12V;
Interface	SD card slot, DC power port
Memory Card	16GB~512GB (Cass10) SD card supported
Altitude	Manually enter altitude and update to camera, it can be checked in photo properties.
Air pressure	Manually enter air pressure and update to camera, it can be checked in photo properties.
Time Stamp	Includes series number (camera ID), longitude and latitude, temperature, moon phase, date, time and battery level.
Camera Body Size	147x88x75mm
Camera Weight	260g
Working Temperature	-40℃ / -40°F to 70℃ / 158°F
Working Humidity	5% ~ 95%
Protection Rating	IP68 Rating for dustproof and waterproof case structure.

PACKAGE CONTENTS

Part name	Quantity (PCS)
Digital Camera	1
Strap	1
Steel Cable / Lock	(Optional)
External DC Power Cable	(Optional)

Warranty

LTL ACORN products have a very low failure rate. We are committed to follow-up maintenance services for our products. Purchase LTL ACORN products will have one year warranty service. The warranty period is 1 year since the purchase date. Please attention that man-made damage is not covered by the warranty. Camera without serial number label and English menu cannot be guaranteed. General customer warranty, please contact the distributor who purchased the LTL ACORN product directly.