



Home Guard W5 Camera User Manual



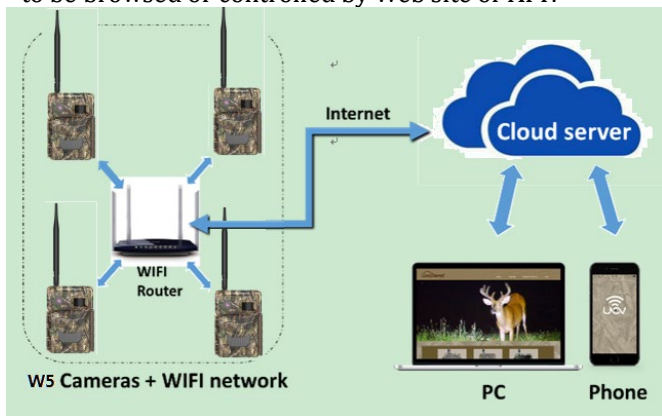
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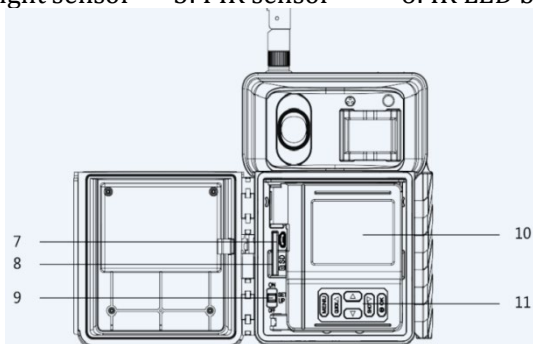
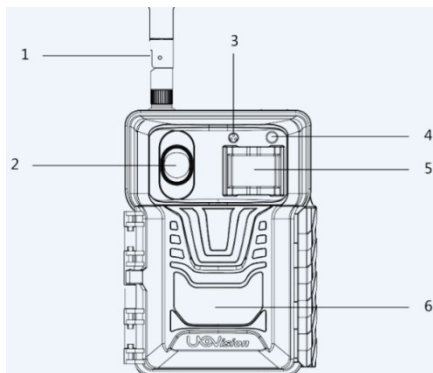
1. Device introduction

1.1 How the camera works

The camera can connect to your Wi-Fi network, and send pictures to Linckeazi cloud server. It's convenient to be browsed or controlled by Web site or APP.



1.2 Camera Overview



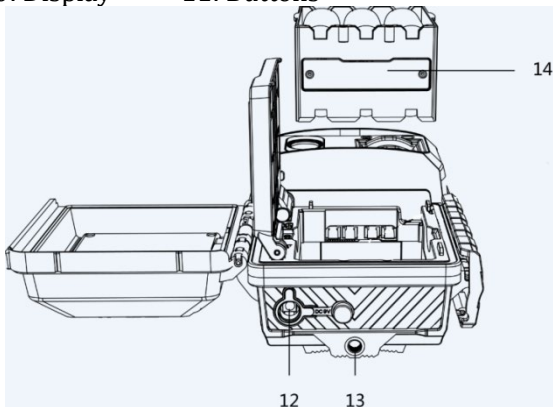
7: Micro USB

8: SD slot

9: Power switch

10: Display

11: Buttons



12: External power jack

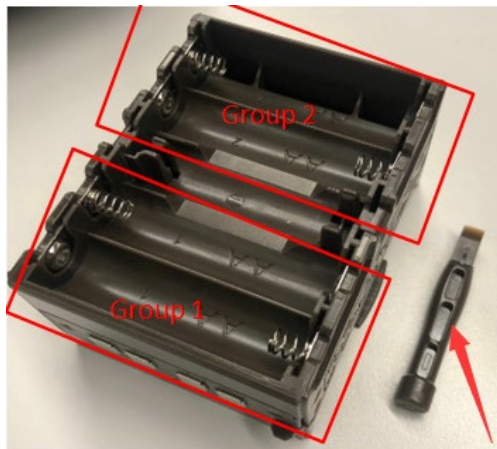
13: Tripod thread

14: Replaceable battery tray

2 Quick start guides

2.1 Installing the batteries

This camera can function on 12*AA/6*18650 batteries. It's easier for you to take out the batteries from the battery tray by the small crowbar.



Note:

Only the AA battery tray is in the standard packaging. If you want to use 18650 batteries, please contact your retailer to buy the 18650 power pack accessories. Thank you

- **Do not mix the old and new batteries**
- **Do not mix different types of batteries**
- **For AA batteries, we recommend high-density and high-performance batteries, such as Alkaline or Lithium batteries.**
- **Remove batteries when not in use to prevent leakage!**

2.2 Installing the SD card

To power up the camera you will need to install a SD card in the slot in the bottom of the camera. You can use any SD card sized up to **128GB**. It's recommended to enter MENU->SYS->Format card to format the SD card before use. You must have the SD card in the camera to turn the camera on and set it up.

2.3 Downloading the Mobile App

Search“ **Linckeazi** ”in your Google Play Store or Apple Store



Accessing the Web Portal:

Open your web browser to:

<https://www.linckeazi.com>

You also can scan the QR code and install the APK file to your smart phone.



Android APP



IOS APP

2.4 Adding camera to your account

Login your account:

Login if you already have an account, or simply register one with your email account.

Username/Email *

Please enter username or email address.

Password *

.....

☐ Remember Me

Log In

[Forgot password?](#)

New users please [sign up](#) .

Username *

Email *

Email Address Verification Code *

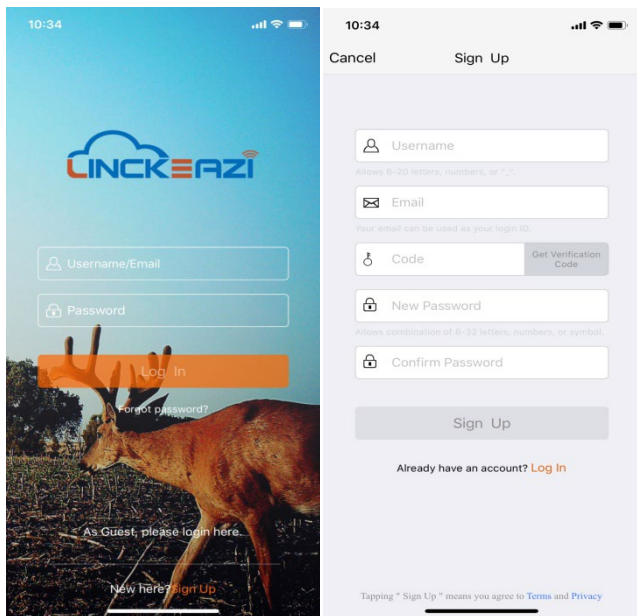
[Get Verification Code](#)

Set Password *

Confirm Password *

☐ I agree to [Terms&Conditions](#)
For existing accounts, please [LOG IN](#)

Sign Up

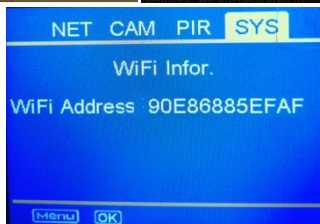
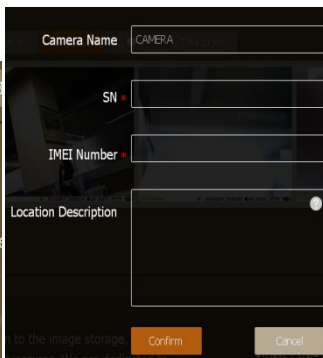


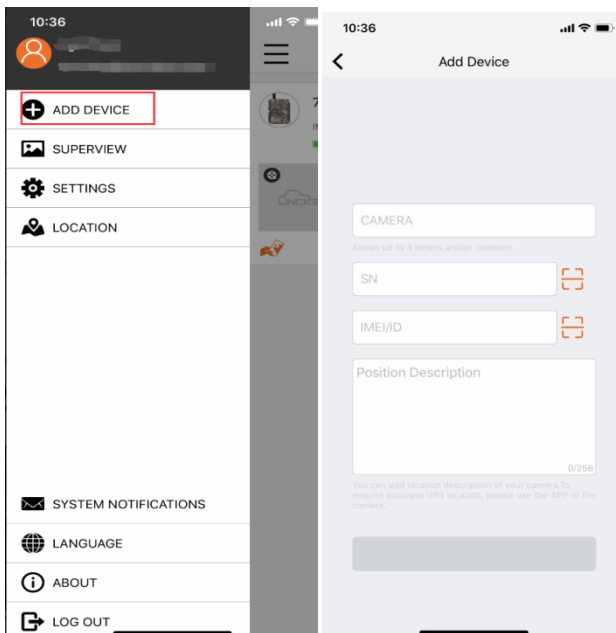
Add Device:

Please note: The camera needs to be added in your cloud account before use.

Name your camera, input the **SN**, input the **Wi-Fi MAC** of your camera in the **IMEI Number** line, and add location description if necessary.

- ◆ The SN is labeled inside the camera.
- ◆ The Wi-Fi MAC address can be found in MENU->SYS->Wi-Fi Info (Please see below screenshot).

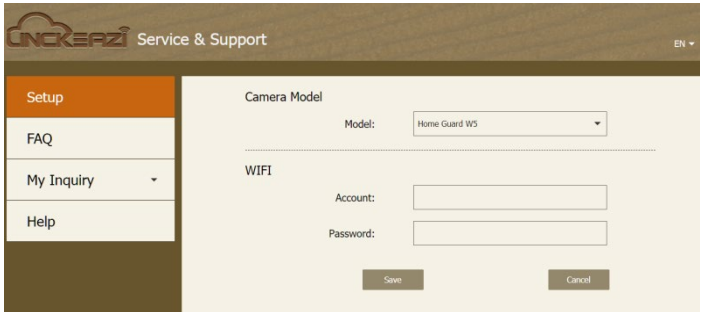




2.5 Copy the Wifi.ini configure file to the SD card

Just edit the Wi-Fi name and Wi-Fi password in the Wifi.ini file. Copy it to the SD card, insert the SD card and restart the camera, the camera will connect the Wi-Fi network soon. It's very simple.

Please Log into your Linckeazi account, enter **Service & Support ->Setup**, write the Account and Password, and click “**Save**”. Then copy the generated WIFI.INI file to the SD card and restart the camera again.



The screenshot shows the 'Service & Support' interface for Linckeazi. On the left is a navigation menu with 'Setup' (highlighted in orange), 'FAQ', 'My Inquiry' (with a dropdown arrow), and 'Help'. The main content area is titled 'Camera Model' and contains a 'Model:' dropdown menu currently set to 'Home Guard WS'. Below this is a 'WIFI' section with 'Account:' and 'Password:' input fields. At the bottom right of the form are 'Save' and 'Cancel' buttons. The top right corner of the interface shows 'EN' with a dropdown arrow.

2.6 Power switch and buttons

Slide the power switch to SETUP position, then you can start setting the CAM.

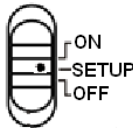


Fig2 Power switch

Power Switch:

OFF: Power off (Please remove batteries when not in use);

SETUP: Setting the camera;

ON: Working mode (the screen will be powered off).

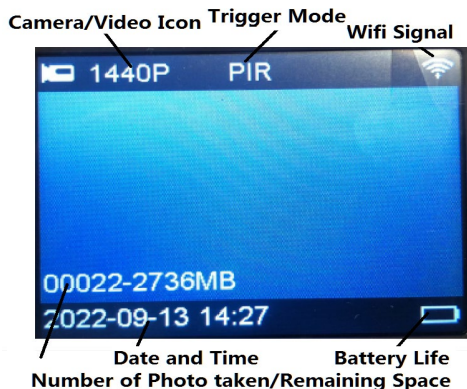
Buttons:

MENU: Enter menu

: Navigation button.

OK: Confirm operation

3 Setting map



3.1 Settings

NET Tab	
Wi-Fi Mode	On/Off
Sending Time	Instant/0:00/1:00/2:00/.../23:00/
Remote Control	Delay 5Min/ 0.5H/ 1H/ 2H/3H/ 4H/ 6H/ 12H/ 24H
Setting Sync	Upload/ Download
FW Update	No/Yes

Sending Time: Instant: Once there is a trigger, the photo will be sent immediately.

0:00/1:00/2:00/.../23:00/: The photos will be sent together at one preset time

Remote Control: You can remotely control your camera via mobile phone or web-portal. Choose Delay XXH means the wireless module will wake up after every XX hours even if there is no triggering. The design of Delay settings is for saving power.

Setting Sync: Upload means to sync the settings from your camera to cloud. **Download** means to sync the camera settings from cloud to your camera.

FW Update: Please do not unplug the batteries or external power when updating. Please make sure the batteries have more than 80% energy left when updating.

CAM	
Camera Mode	Photo/Video/Photo+1440P
Video Length	5Sec-60Sec
Video Size	1440P/1080P/720P/WVGA
Photo Size	5MP/8MP/16MP/24MP/32MP
Photo Burst	1-10

Send Option	1 st -10 th
Flash Power	Low/Normal/High

Photo Burst: It's the number of pictures that to be taken of each triggering. If photo burst is 3, it means the camera will take 3 pictures after one triggering.

Send Option: You can choose which one of the pictures that to be sent via **Send Option**.

PIR	
Trigger Mode	PIR/Time Lapse/Both
PIR Sensitivity	Normal/High/Low
PIR Interval	0s-60m
Time lapse	5s~24 hours
Work Time 1~4	Off/On

PIR Interval: It means how often the PIR sensor can be allowed to work. This prevents the card from filling up with too many redundant images.

Time Lapse: When choose time lapse, camera takes photos or videos even when it is not triggered by a nearby live animal. It's useful for constant monitoring

of an area.

Work Time: The camera can work at a preset time and preset days. In the rest of the time the camera is not work. Work hour: 00:00-00:00 means 24 hours. If the settings is across a day, for example: Start: 20:00 Stop: 10:00 means 00:00-10:00 am and 20:00-24:00 of the chosen day.

SYS	
Set Clock	Enter
Rename	Off/On
Password	Off/On
Over Write	Off/On
Format SD	Enter
Diagnose	Enter
FW Version	Enter
Wi-Fi Info	Enter (Find Wi-Fi MAC address here)
Language	English/Suomi/Deutsch/Norwegia n/Svenska
Default	Enter

Password: Make sure you write down your password or save it to your mobile phone so you can access your camera if you ever forget your password.

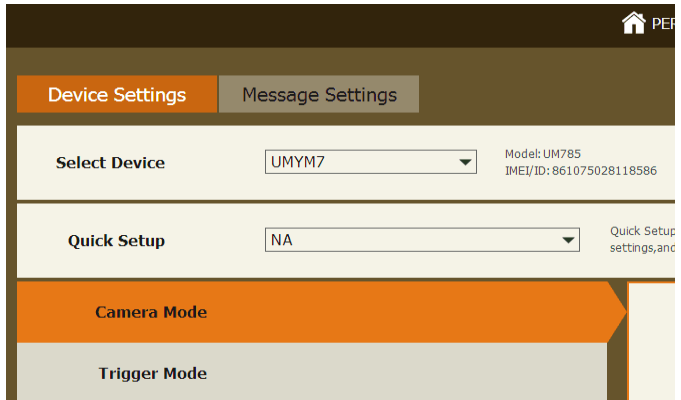
Diagnose: If the camera can't work properly, please choose **Diagnose**. The camera will generate a log file folder in your SD card. Please send all the files in log folder to FAE for help.

3.2 Connect to Wi-Fi network and Send a test photo

Please copy the Wifi.ini file which is generated from Linckeazi platform to the root directory of your SD card. Toggle the power switch to SETUP. If the  icon appears, it means the camera has connected to the Wifi network. Then manually take a photo and sent. Press **SHOT** button, camera will catch a photo. Press **OK** button, to playback the photo. Press **MENU** then choose **SEND**. You will see the photo on your Linckeazi account.

3.3 Setting CAM with Web Portal or APP

The CAM can be easily set through Web Portal or APP.



The screenshot shows a web portal interface with a dark brown header. In the top right corner of the header is a home icon and the text 'PER'. Below the header is a navigation bar with two tabs: 'Device Settings' (highlighted in orange) and 'Message Settings' (grey). The main content area has a light beige background. It contains three sections: 1. 'Select Device' with a dropdown menu showing 'UYYM7' and a right arrow; to the right of this are the labels 'Model: UM785' and 'IMEI/ID: 861075028118586'. 2. 'Quick Setup' with a dropdown menu showing 'NA' and a right arrow; to the right of this is the text 'Quick Setup settings, and'. 3. Two large buttons at the bottom: 'Camera Mode' (orange with a right-pointing arrow) and 'Trigger Mode' (grey).

PER

Device Settings Message Settings

Select Device UYYM7 Model: UM785
IMEI/ID: 861075028118586

Quick Setup NA Quick Setup settings, and

Camera Mode

Trigger Mode



3.4 Other basic operation via APP

Take a photo

Retrieve a photo or video clip instantly

Camera settings

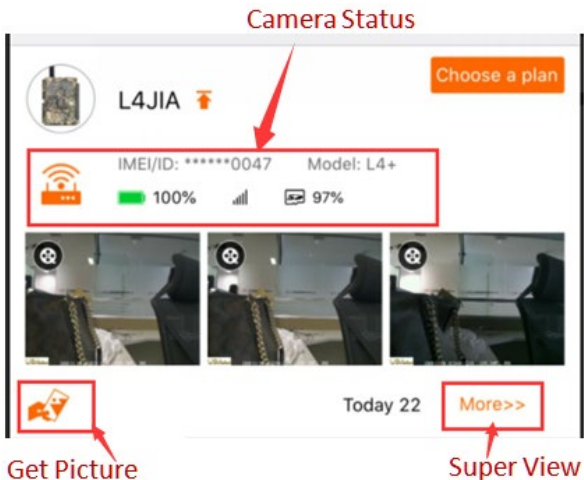
Change the settings of your camera

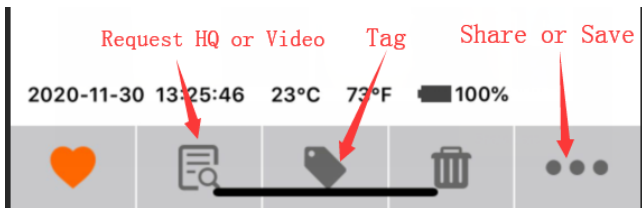
Camera Status

Show the status of your camera

Request HQ photos or Videos

Request HQ photos or Video Clips from your camera.





4 Auxiliary power

Your camera comes with an Auxiliary power jack. If you want to hook up an external 9V-12V battery to power the camera, you can. The jack necessary to make the connection is a standard 4mm jack.

5 Mount tips

For best results, mount the camera approximately 1-1.5 meter off the ground and 3-15 meters. To enhance the flash, we recommend positioning the camera in an area with a backdrop to reflect the maximum amount of light.

Note:

- a. The sun should not be shining directly on the face**

of the camera.

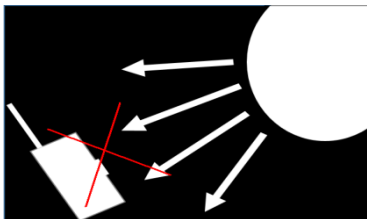


Fig 12

- b. Reflect with trees or other things to add more light to your target.**

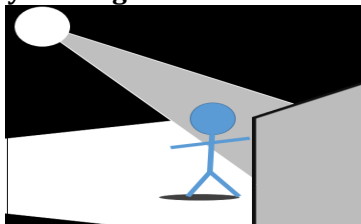


Fig 13

- c. Avoid placing the camera where the air flow is surging or too much vegetation. False triggers most occur on sunny, breezy days. When the wind moves the vegetation, the camera detects this and cannot distinguish it from a warm-blooded animal moving through the scene.**

AppendixI: Technical Specifications

Picture Resolution 5MP(Real Sensor) /8MP
/12MP/20MP/32MP

Lens F/NO 1.85 (Field of View)=64°

Flash Power Full, Low

Display Screen 2.4" LCD

Memory Card Up to 128GB

Video Resolution 1440P, 1080P, 720P, WVGA

PIR Sensor Multi Zone

PIR Sensitivity Adjustable(High/Normal/Low)

Video Trigger Time <0.6S

Operation/Storage Tem. -20 - +60°C / -30 - +70°C

Trigger Interval 0s – 60 min.

Time lapse: 5sec-24hours

Photo Burst 1–10

Video Length 5s–60s

Power Supply 12 AA or 6*18650; 9V-12V.

Stand-by Current < 0.15 mA (<6mAh/Day)

Low Battery Alert LED Indicator, Cloud Platform

Mounting Rope/Belt/Python lock

Dimensions 158mmX114mmX71mm

Operation Humidity 5% - 90%

Security authentication FCC, CE, RoHS

Appendix II: Parts List

Part Name	Quantity
Digital Camera	One
Belt	One
User Manual	One

Declaration of Conformity to Directive 2014/53/EU

CE Caution: Hereby, the manufacturer declares that

this camera is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. Pls ask for your distributor for a copy of the Declaration of Conformity to Directive 2014/53/EU.



The camera manufacturer provides 12 months of warranty service for this product against manufacturing defects or malfunctions. If your camera fails to function under normal use within 1

year, the camera manufacturer will repair or replace the camera at no charge. The purchase receipt must be included from an authorized retailer to validate the warranty. Improper use of the camera resulting in damage is not covered by this warranty.

The camera manufacturer can provide repair service, after the warranty expiration. The customer will be responsible for any charges on parts, labor and shipping costs. Please contact the manufacturer for more details. Please contact the area dealer for more details.