UOVision

Instruction Manual

(Model：UML3)

Content

What you will need to set this camera up:

-Internet Access to

https://www.linckeazi.com
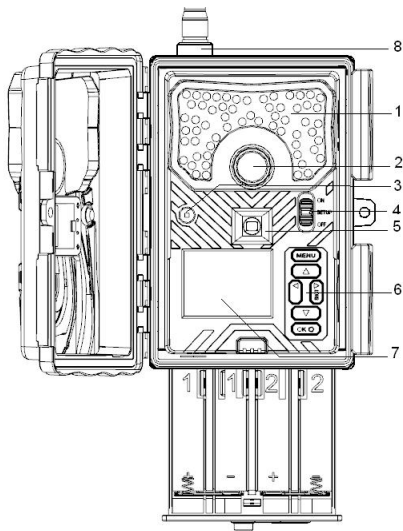
-12*AA Batteries

-SD Card

-SIM Card

This camera is characterized by:

- ➢ 30MP Resolution
  (30MP/24MP/20MP/16MP/8MP/5MP)
- ➢ 4K VIDEO, (4K/2.7K /1080p/
  720p/WVGA/QVGA)
- ➢ PIR Trigger Speed <0.2s
- ➢ Cellular Tower Positioning
- ➢ Diagonal Field of View (FOV) 58°(16:9 display)
- ➢ 2" Color LCD display
- ➢ Up to 4 Work Time Settings
- ➢ Photo Burst 1-10
- ➢ PIR Delay 5s - 60min
- ➢ Time Lapse (5s-24h)
- ➢ Adjustable Hi-Power Invisible Black Flash
  (940nm)
- ➢ Color Pictures by Day, Black and White by Night
- ➢ Date, Time, Moon Phase and Temperature Stamp
  on pictures
- ➢ Maximum Silent Capture
- ➢ SD Overwrite
- ➢ Support up to 256GB SD card
- ➢ Battery 12 AA (not incl)

1 Camera Overview

1: Black Vision IR flash   2: Lens
3: Light Sensor   4: Power Switch
5: PIR sensor   6: Keyboard
7: HD TFT Screen   8: LTE Main Antenna

Fig 1 Operation Interface

2 Quick start guides

2.1 Installing the batteries

This camera can operate on 12AA batteries.
Note:
·Do not mix different types of batteries
·Do not mix the old and new 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 enable power to the camera, you will need to install a SD card in the slot located at the bottom right side of the camera. You can use any SD card sized up to **256GB**. **Please make sure to enter MENU->SYS->Format SD to format the SD card before use.**

2.3 Insert the SIM card

Insert the SIM Card in the slot located at the upper right side of the camera.

2.4 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

2.5 Power switch and buttons

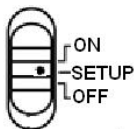Slide the power switch to SETUP position, then you can start setting the CAM.

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 power off).

Buttons:

MENU: Enter menu

▲▼◄►: Navigation buttons.

OK: Confirm operation /Playback photos or video clips.

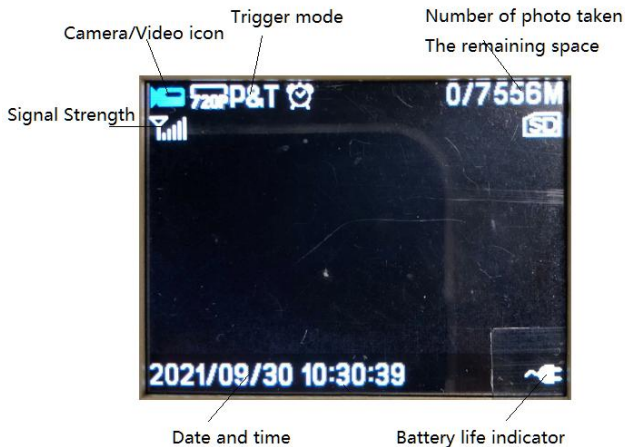►: To manually take photo or video. (Click again to stop the video.).

2.6 Setting map

Fig3 Main Screen

Settings:

NET	
Send Mode	Off/**On**(Max Number:**Unlimited**,01~99
Remote Control	Real Time/Delay 0.5H/1H/**2H**/3H/4H/6H/12H/**24H** （Default：Delay 2H）

Download Settings	Confirm/Cancel
Upload Settings	Confirm/Cancel
4G Info	(Show IMEI,ICCIC,APN)
FW Update	Yes/**No**

Max Number: The numbers of photos which are allowed to be sent out per day. If you want to control your data flow, set the maximum number.

Remote Control: You can remotely control your camera via mobile phone or web-portal. Choose **Real Time**, the wireless module will keep working, but the power consumption will be huge. **Delay 24H** means the wireless module will wake up after 24 hours even if there is no triggering. The **Delay** setting is for saving power.

Download Settings：It means to sync the camera settings from cloud to your camera.

Upload Settings：It means to sync the settings from your camera to cloud.

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/Pic+Video；
Photo Size	30MP/24MP/20MP/16MP/**8MP**/5MP
Photo Burst	**1Photo**~10Photos
Sending Option	1st Photo~10th Photo
Photo Flash Power	Low/**Middle**/High
Video Size	4K@10fps,2.7K@20fps, **1080p@30fps** / 720p@30fps,WVGA@30fps
Video Length	5s-60s (Default:**10s**)
Video Flash Power	**High**/Low

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.

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

PIR	
Trigger Mode	**PIR Trigger**/Time Lapse/Both
PIR Sensitivity	**Low**/High
PIR Interval	0s-60m(Default：**30s**)
Time Lapse Interval	1m-24h(Default:**1h**)
Work Time 1~4	**Off**/On

PIR Interval：It means the time interval that the PIR
sensor is allowed to work. This prevents the card from
filling up with too many redundant images.

Time Lapse Interval：When choosing 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 doesn't work. Work hour: 00:00-00:00 means 24 hours. If the settings is cross the 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	Set date and time
Language	English
Password	**Off**/On
Rename	**Off**/On
Over Write	**Off**/On
Format SD Card	Format SD
GPS	Input Latitude, Longitude, Altitude
Default	
Software Version	

Password：Make sure to write down your password or

save it to your mobile phone, so you can access your camera if you ever forget your password.

3 Connecting CAM to cloud server

3.1 Connecting CAM to cloud server

In order to 'send' your photos to your cloud account or mobile phone, you need to add your camera to your cloud account.

Open website: https://www.linckeazi.com. Or Linckeazi APP. Please scan the below QR code to install the APP.
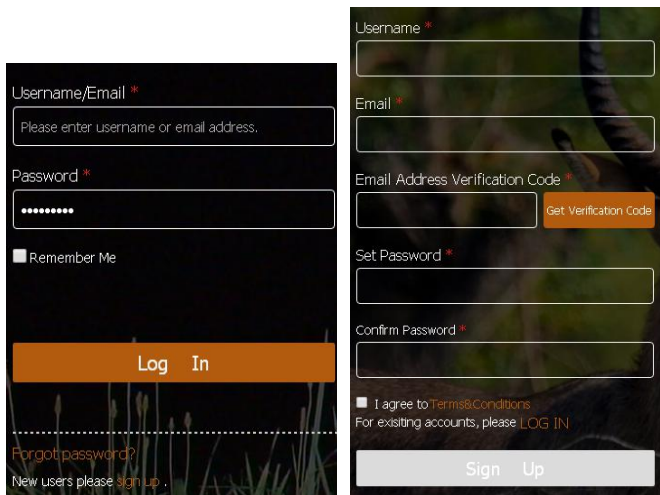
Android APP

IOS APP

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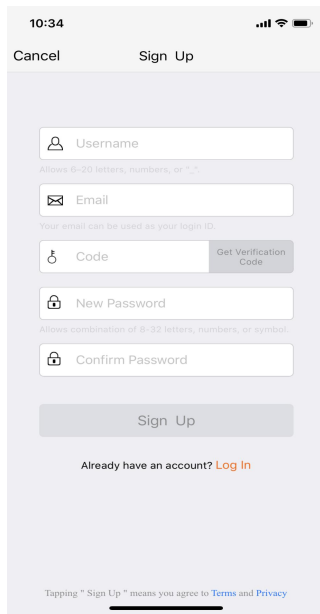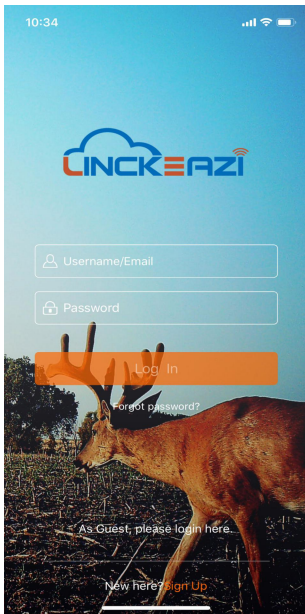

Fig 4 Login via web portal

Fig 5 Login via Linckeazi APP

Add Device:
Please note: The camera needs to be added in your cloud account before use.
Name your camera; input the SN and IMEI of your camera. Add location description if necessary. **The SN and IMEI can be found labeled inside the camera.**
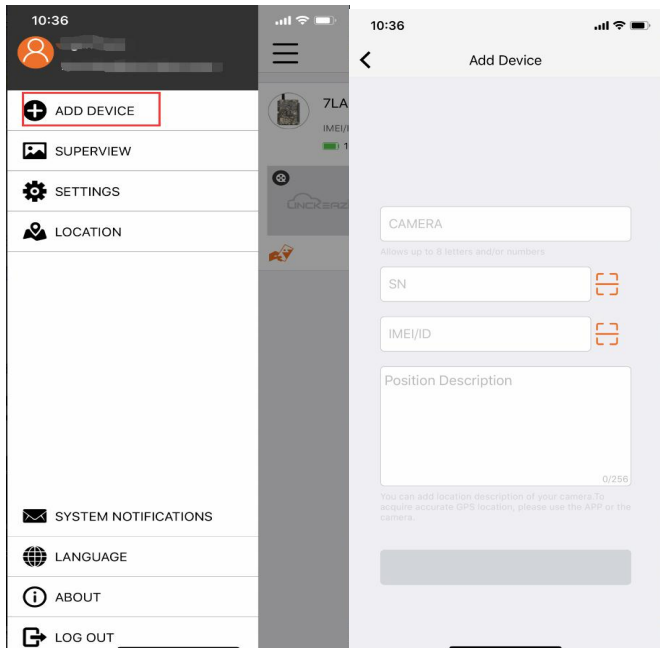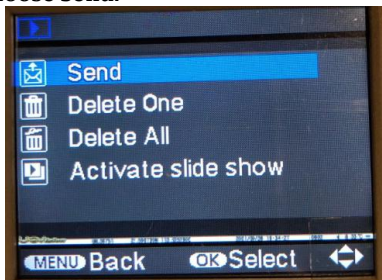

Fig 6 Add camera via web portal

Fig 7 Add camera via APP

3.2 Sending a Test Photo to the Cloud Server

1) **After confirming that the network signal is normal, press ▶ (SHOT) button to manually take a photo.**
2) **Press OK to view the photo and   press the MENU button, choose Send.**

3) **You will see sending prompt shown on the LCD screen.**
4) **Once you see "File uploading", check your could account.   You will find the photo uploaded to the Cloud server.**

3.3 Setting CAM with Web Portal or APP

The CAM is easy to set through Web Portal or APP.

Fig 8 Device Settings via web portal

Fig 9 Device settings via APP

3.4 Other basic operation via APP

Take a photo
Retrieve a photo or video clip instantly
Position

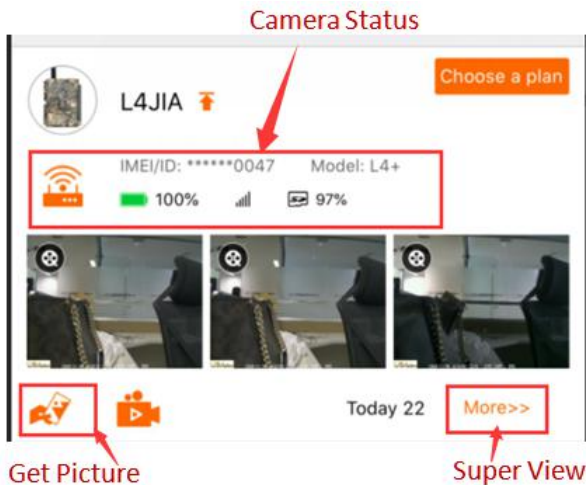*Get the location of your camera*
Camera settings
Change the settings of your camera
Camera Status
Show the status of your camera
Request HQ photos or Videos
Request HQ photos or Video Clips from your camera.
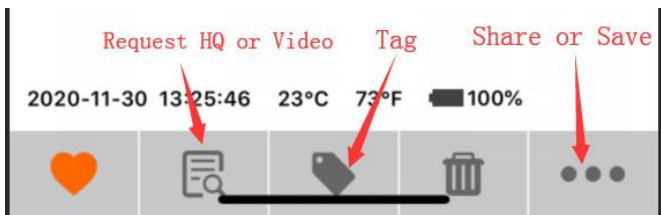
Fig 11

4 Auxiliary power

Your camera comes with an Auxiliary power jack. If you want to hook up an external 6V/2A 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.
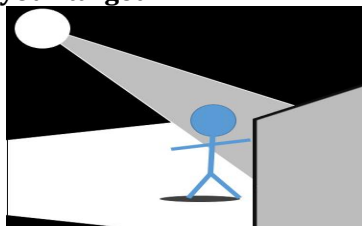
Fig 13

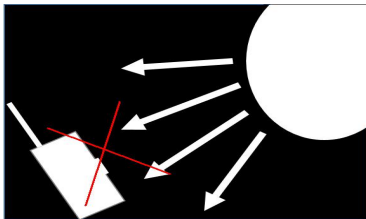c. **Avoid placing the camera where the air flow is surging or too much vegetation. False triggers most occur on sunny, breezy days. When the wind moves the vegetation, the camera detects this and cannot distinguish it from a**

warm-blooded animal moving through the scene.

Appendix Ⅰ : Technical Specifications

- **Picture   Resolution**
  30Mp/24Mp/20Mp/16Mp/8Mp/5Mp

  Lens F/NO=1.85 (Field of View)=64°
                    (FOV10m: 7.72meter)
  Trigger Time 0.2s
  Frequency Bands:
   For North America:
   LTE-FDD: B2/B4/B5/B12/B13/B25/B26;
   WCDMA: B2/B4/B5;
  Flash Power Adjustable
  Display Screen 2.0" LCD
  Memory Card Up to 256GB
  Video Resolution
  4K,2,7K,1440P,1080P, 720P, WVGA
  PIR Sensor Multi Zone
  PIR Sensitivity Adjustable

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

Trigger Interval 0s – 60 min.

Time lapse: 1min-24hours

Photo Burst 1–10

Video Length 1–60s

Power Supply 12/6 AA or 6V-12V external power.

Stand-by Current < 0.2 mA (<6mAh/Day)

Low Battery Alert LED Indicator,Cloud Platform

Mounting Rope/Belt/Python lock

Dimensions 154mmX112mmX79mm

Operation Humidity 5% - 90%

Security authentication CE, RoHS

Appendix Ⅱ: Parts List

Part Name	Quantity
Digital Camera	One
Antenna	One
Belt	One
User Manual	One
Quick Start	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.

WARRANTY

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.

FCC Statement
This device complies with part 15 of the FCC rules.

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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

off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

•Reorient or relocate the receiving antenna.

•Increase the separation between the equipment and receiver.

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

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

Radiation Exposure Statement

To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.