UOVISION UM565-3G 12MP

Wireless SMS controlled

Scouting Camera

User's Manual

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1 General Description

Congratulations on your purchase of UOVISION UM565 3G 12MP SMS scouting camera. UM565 3G is a powerful and reliable performance wireless game camera.

Features:

12MP invisible IR 3G camera
3G(WCDMA) network, faster transmission speed
SMS control, CamCtrl App compatible
Motion detection
Time lapse
aGPS location and camera rename
SD card over write to ensure cycle use
No glow black LEDs with 15m (50ft) range
Weather resistant (IP54)

2 Camera button control diagram

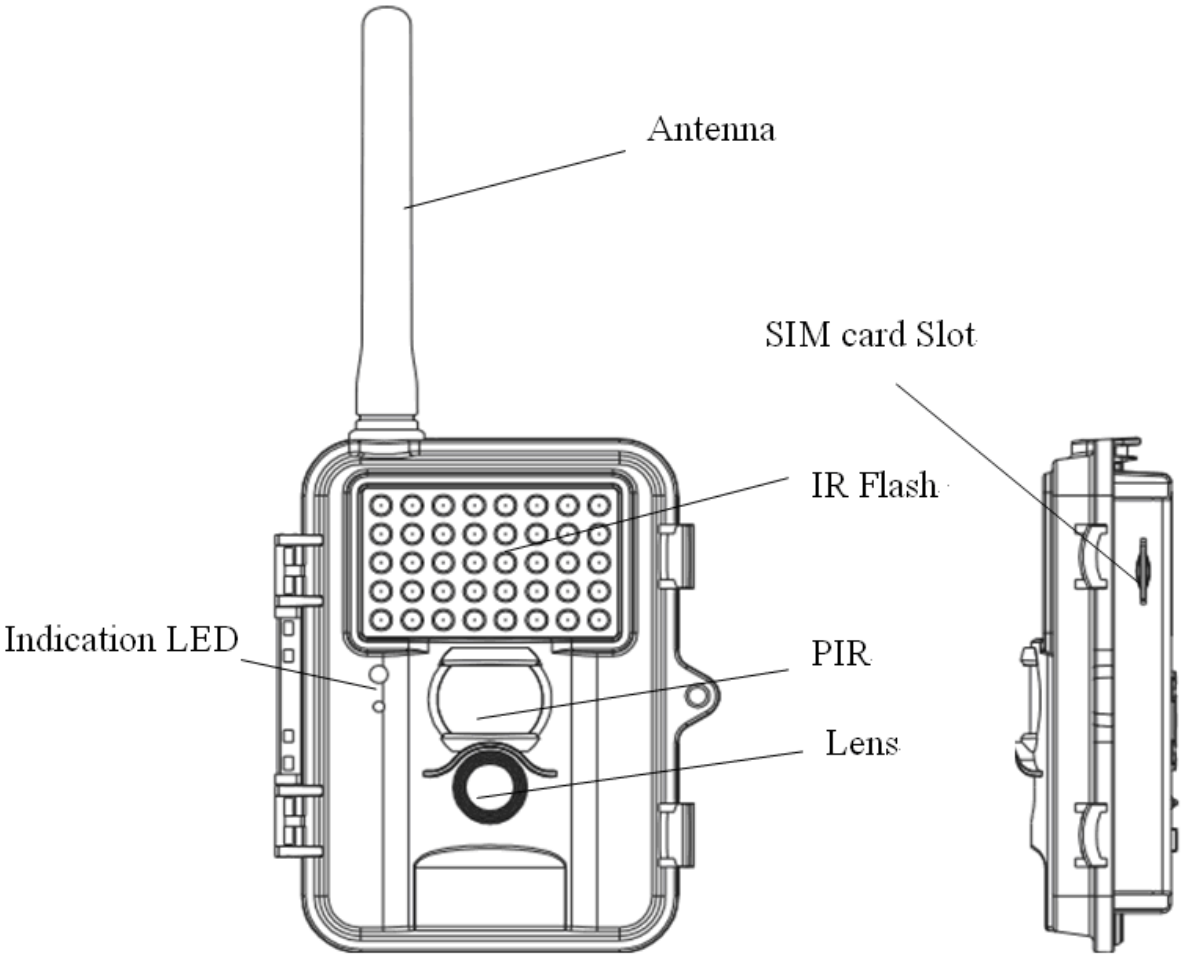

Fig 1: Front View

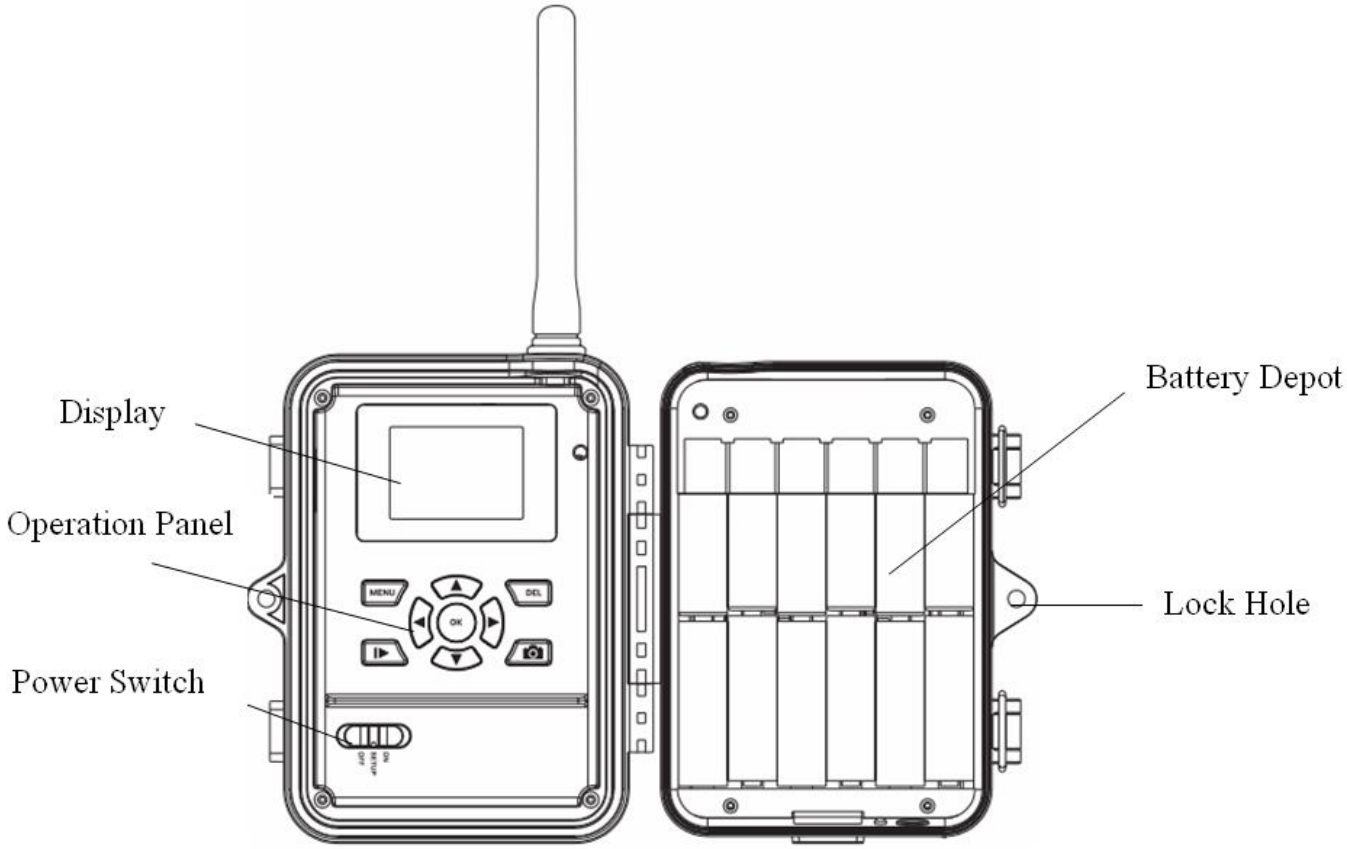

Fig 2: Operation Interface

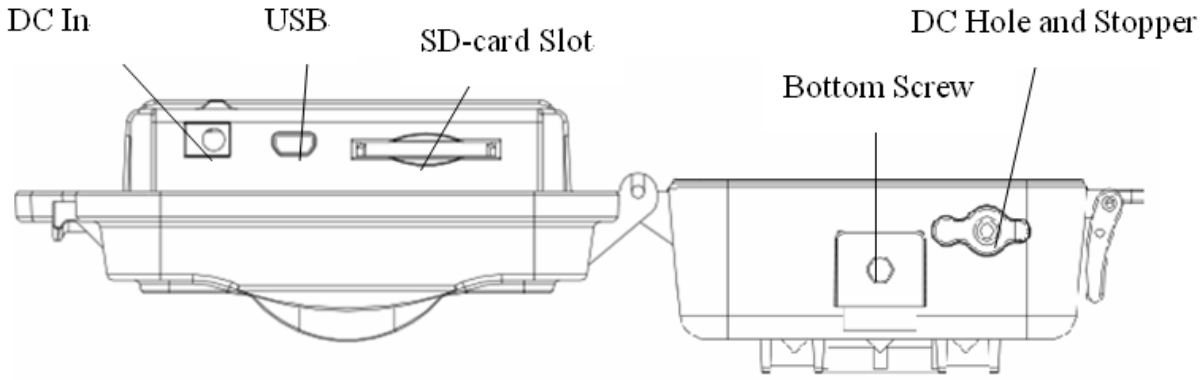

Fig 3: Bottom view

Operation Panel:

MENU: To enter the menu, the **power switch** should on **SETUP**.

▲▼◄►: Navigation arrows.("▲"is the shortcut to choose "**Video**", while "▼"for the **"Photo".**)

OK: Save parameter settings.

: Exchange between playback and preview.

DEL: To delete an image.

: To capture a photo or record a video manually. (Click again to stop the video.).

Power Switch: **OFF**: turn off the power; **SETUP**: change camera settings; **ON**: enter working mode.

3 Installing the batteries

To supply power for the camera, 12pcs of 1.5V AA batteries are needed. Confirm that the power switch is in the **OFF** position; load the fully charged batteries into the pack according the polarities signs shown below. 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 6 battery slots. Slot 1 and 2 form one group and is marked "1", slot 3 and 4 form the other group and is marked "2", while slot 5 and 6 form the other group and is marked "3". Single "group" of batteries is needed to supply power to the camera, but both can be used and is recommended.

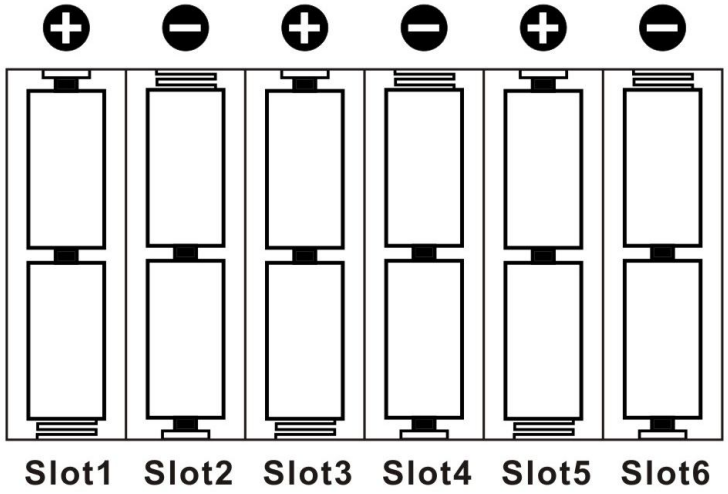

Fig 4

4 Purchasing your SIM card

The camera is designed to send the photos it takes via a 3G (WCDMA) SIM card over the cellular network to any phone or email address instantly once the photo is taken.

It also supports a GSM SIM card. But before using this function, you need to open GPRS service from your service provider.

Be sure that **the PIN Code of the SIM card is disabled** before inserting the SIM card. (You can disable the PIN of a SIM card via your mobile phone. Then reinsert the card into your camera)

5 Installing your SIM card and SD card

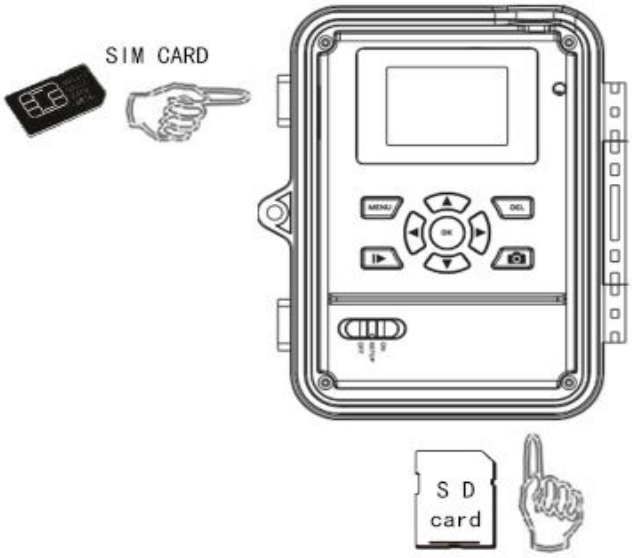

Fig 5

Make sure the power switch is in the OFF position. You can use any SD card size up to 32G. You must have the SD card in the camera to be able to turn the camera on and set it up.

NOTE 1: Every photo taken with this camera will be saved to the SD card even if it is sending the photos wireless. You will always have access to the high resolution photos on the SD card just like with standard game cameras.

NOTE 2: Please DO NOT USE the Micro SD card with adapter. Many micro SD cards are not compatible with trail cameras

6 Setting up the wireless network

1) Slide power switch to the **SETUP** position. You will see the screen shown below:

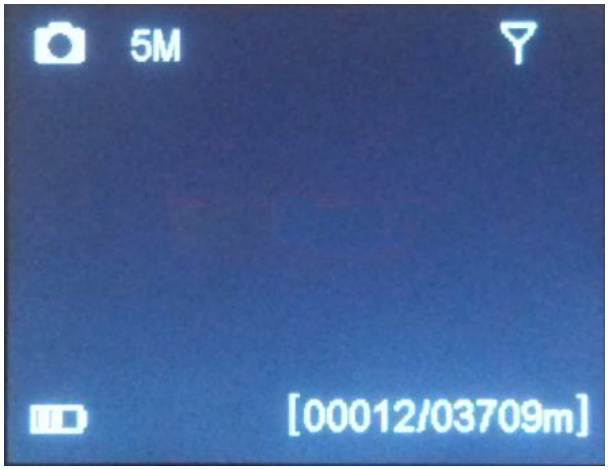

Fig 6

The camera will search for cellular service first. So you will need to be patient for about 10-20 seconds, as the camera does its initial set-up and looks for cellular service.

While finding the network you will see the word ***searching***, Then ***Searching Network*** in red on the screen. Once you see the **IMEI number-15-digit number** show up at the top and the service bar indicator show service bars, you are ready to move on.

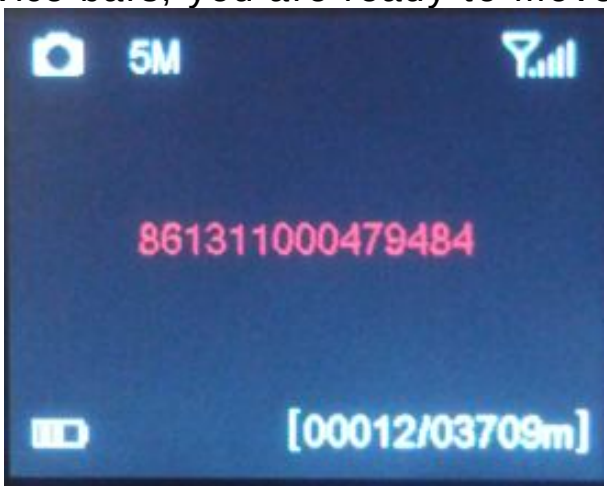

Fig 8

7 Formatting the SD card

2) Press the **MENU** button. You will see the screen shown below:

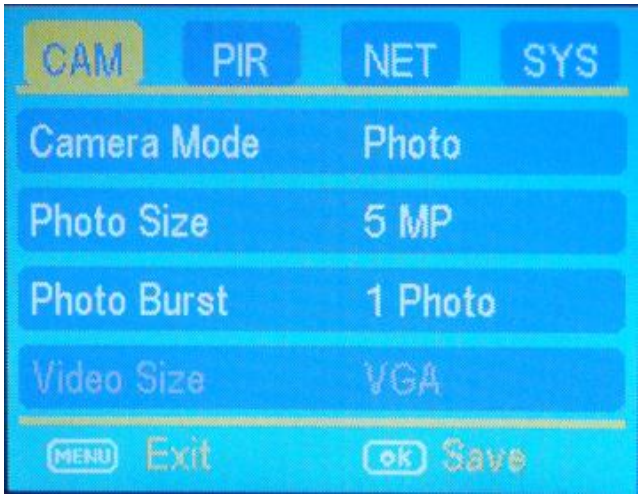

Fig 9

Press the ►button 3 times to highlight the **SYS** tab. Navigate down by pressing the ☐ button repeatedly until the **FORMAT** option is highlighted and press **OK** then choose Yes to format.

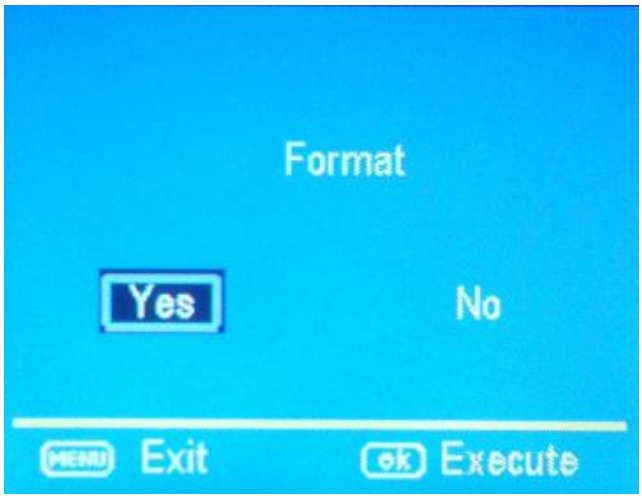

Fig 10

8 Download and Use GSMSETUP APP

3) Next Press the ▲or ▼button repeatedly until only the **SYS** tab is highlighted in yellow.

4）Press the ◄ arrow 1 time to highlight the **NET** tab and navigate down to the **DOWNLOAD TOOL** and press **OK.**

5) Turn the camera off by sliding the power switch to the **OFF** position.

6) Remove the SD card from your camera and insert into your personal PC card reader.

7) Locate the SD card reader in Windows Explorer and double click on it to show its contents.

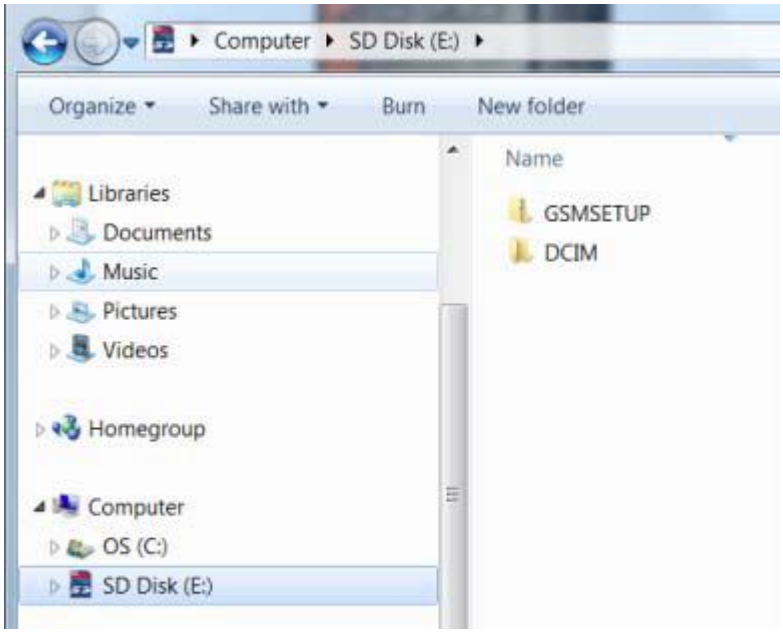

Fig11

Double click on the **GSMSETUP** and then double click on the **UOV Setup application.**

8) You may see a warning box like below. Choose **YES** and the **UOV Setup** program will launch.

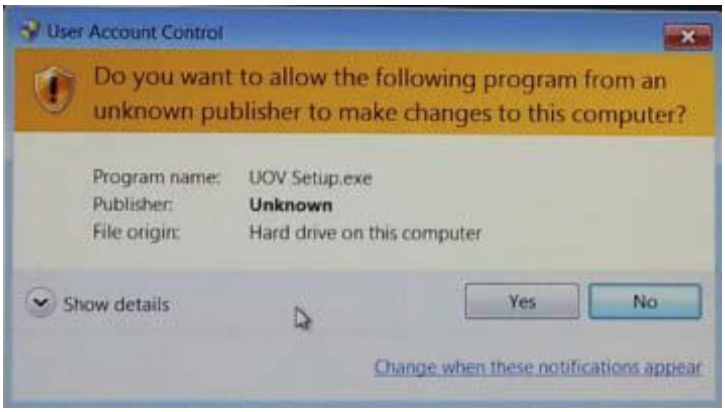

Fig 12

9) You will see the following screen for setting up the 3G/GSM options for your camera. This is where you add phone numbers and e-mail addresses and control the number of wireless photos sent from the camera each day.

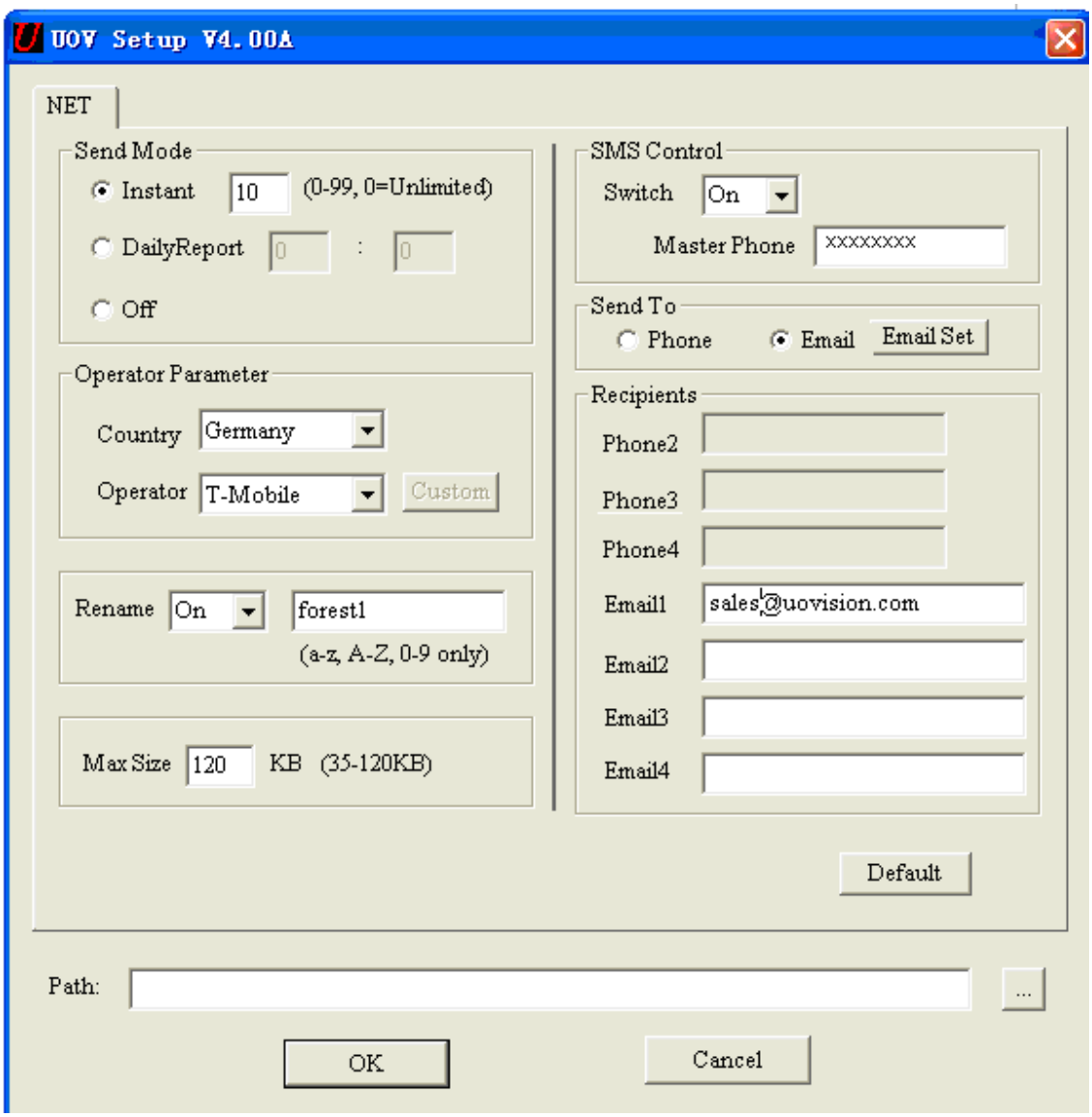

Fig 13

10) **Send Mode:**

a. INSTANT: If you want the camera to send you every photo the instant it's taken, you want to choose this option. You can control the numbers of photos that are sent to your device or email every day. If you want to limit this, put the maximum number of photos you want the camera to send each day in the box. If you want it to send every photo regardless of the number of photos each day, set this value to **0 (zero)**

b. Daily Report: This option only sends you the last photo taken each day with a report of all the other activity during the day at the preset time.

c. OFF: choose this option if you do not want the camera to send out the photos taken. This will make the camera perform just like a normal trail cam.

11) **Operator Parameter:**

a. Country: Choose your Country or Origin in the drop down menu.

b. Operator: Choose Operator, such as T-Mobile in the drop down menu.

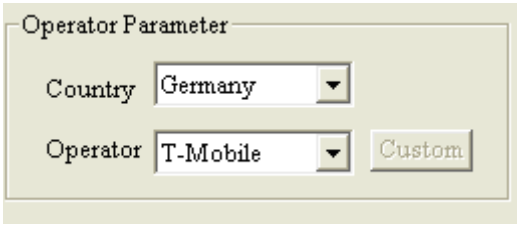

Fig 14

If you can't find your carrier name in the list, please press CUSTOM. Then you can input your operator parameter in the pop-up window.

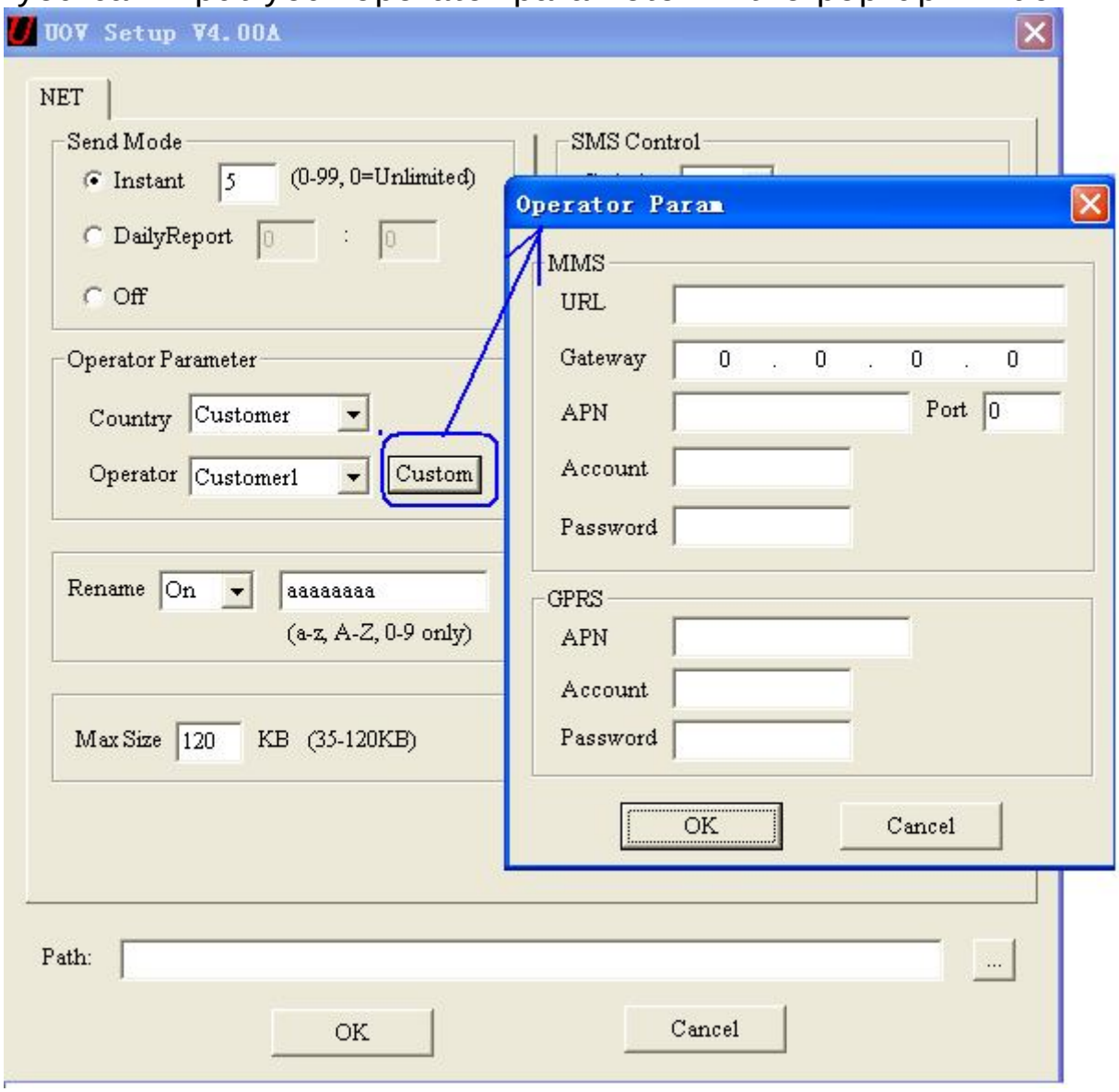

Fig 15

12) **Send to:**

a. Phone: Choose this option if you only want the photos sent to phone numbers

b. Email: Choose this option if you only want the photos sent to chosen e-mail addresses. You can click **Email Set** button to change your sending Email address.

13) **Recipients:**

a. **Phone:** Enter up to 4 different phone numbers in the phone

Phone1 is the master phone number. If you set **SMS switch ON**, then the master phone can remote control your camera.

b. Email: Enter up to 4 different e-mail addresses in the Email field. The Email option will only be available if you have chosen the **Email** options.

14) **SMS Switch:** Choose the **ON** option if you want to be able to control the basic functions of your camera by APP from your phone. If you do not want to have wireless control, you can leave the option at **OFF.**

15) **Rename:** If you want to change the name given to the camera to something that you can use to identify the camera, set the drop down box to **ON.** Enter the new camera name in the box.

16) **Max Size:** This value indicates the size of the picture being transmitted.

17) **Default:** If you want to set the camera settings back to the original defaults before changes were made, pick this button. You cannot go back once this button is pressed so make sure you want to re-set all the settings before you pick this button.

18) **Path:** The path is the location in which the settings are saved. The settings file “PROFILE.BIN” will be generated by this software.

You must save this BIN file to the root directory of the SD card for the set up to take place once you put the SD card back into the camera.

19) Press the **OK** button to accept the settings and save them to the SD card. You will see the following box pop up. Pick **OK** you can then cancel the UOV Setup.

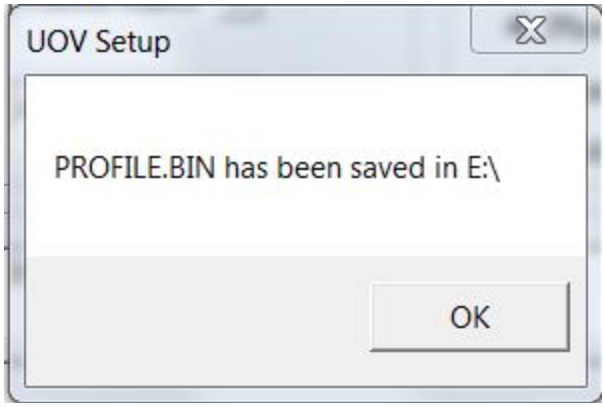

Fig 16

20) Remove the SD card from your computer and replace it in your camera.

21) Slide the **Power switch** to the **SETUP** position. Wait for the camera to go through its set up process and find cellular service. Normally 15-20 seconds to see **Update success.**

22) Press button to manually take a photo with the camera. You will know that a photo has been taken because the photo counter on the screen will say 00001.

9 Send a test photo

23) Press ▶button to enter the Playback mode and then press the **MENU** button. You will see the following screen.

Fig 17

24) Press the ☐to highlight the **SEND** option and press **OK**.

25) The LCD screen will start to count up from step 1 to 10. Once you see **Send Successful**, you have successfully sent your first photo you're your camera is ready to take photos.

26) Please make sure that the receiving phone has opened the GPRS (data business) functions when the receiving phone is not a 3G mobile

phone.

10 Customizing the camera settings

1) Understanding main screen info:

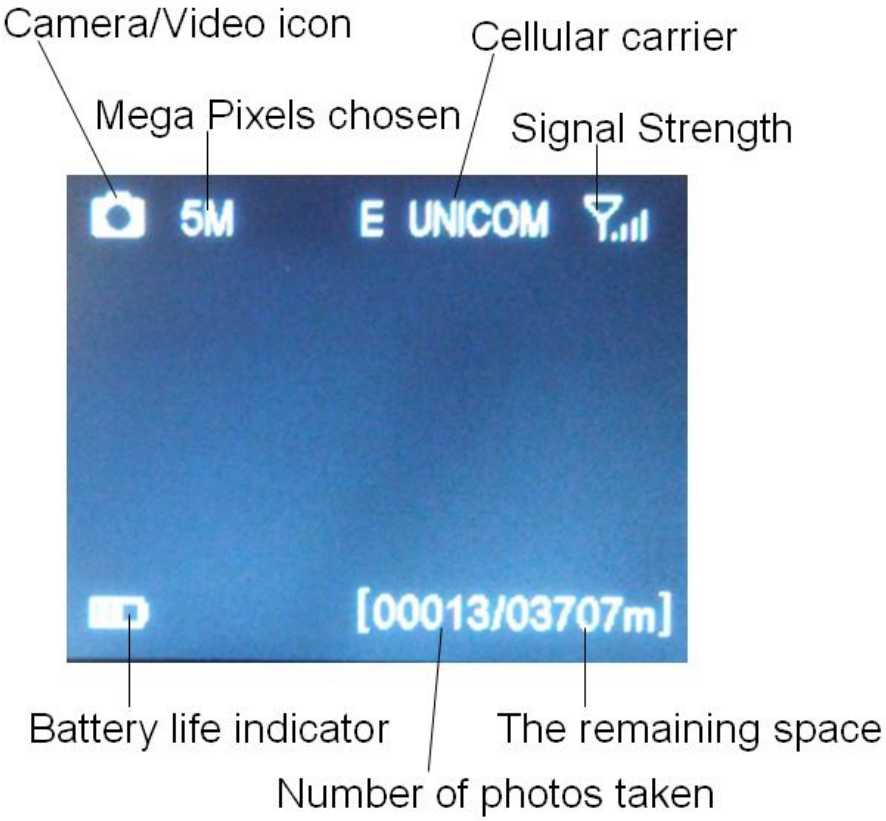

Fig 18

2) Customizing the camera settings

Press **LEFT** or **RIGHT** and **UP** or **DOWN** to select the desired options，And then press **OK** to save.

Setting Items		Description
CAM	**Camera Mode**	Choose Photo or Video Press the ► button to toggle between **Photo** or **Video** until the option you want shows in the white box. Press **OK.**
	Photo Size	Choose the image size, 5MP, 8MP, 12MP Please keep in mind the higher the MP, the larger the file and the faster your SD card can fill up.
	Photo Burst	Your camera can take a 1, 2 or 3 shot burst every time the PIR is triggered to take a photo. The camera will only send the first photo of the photo burst to your phone or e-mail.
	Video Size	Choose the video size

	Video Length	You can adjust the length of time the camera takes a video from 5-60 seconds. Long videos fill the SD card up quickly.
	Video Sound	Not Available
PIR	**Sensitivity**	There may be situations where you might feel the camera is not catching animals that are nearby or maybe the camera is triggering too easily. You can adjust the sensitivity of your camera to help with this. Under most conditions, **NORMAL** option will work the best. In high temperatures, the **HIGH** setting might help differentiate between the outside temps and the body temps of the animal. In cold conditions, you may find that the **LOW** option is best as the camera can easily differentiate the outside temps from the body temps of the subject. If you are using the time lapse function, you would choose **OFF** to turn off the PIR.
	Trigger Interval	Allows you to customize how often the camera can be allowed to take a photo. Repeatedly press the ▸ or ◂ to adjust the timing. Options are 5-60 seconds (5 second increments) and 1-60 minutes. NOTE: We suggest you choose 1minute or greater for the MMS to work properly.
	Time Lapse	Time lapse function defines the camera records/captures automatically every preset time period (5seconds~8hours), which doesn't work if it is set to Off. If you have the PIR set to **LOW, NORMAL**, or **HIGH**, the camera will also take photos when the PIR is triggered.
	Start-Stop	Start-stop "**On"** means that the camera works only during that preset time; Start-stop "**Off"** means that the camera works round the clock.
NET	**Send Mode**	There are 3 send modes: **Instant**, **Daily report** and **OFF**. (For details, see Page 8)

	Send To	Defines to where the MMS to be sent, **Phone, Email.**
	Recipients	Press “Enter” to review what you have set to receive the MMS or GPRS pictures.
	SMS Switch	This switch controls whether you can use android APP or send SMS texts to your camera to change the basic settings. If this switch is set to **ON**, you will be able to communicate with your camera through your phone. (Refer to Page 18 SMS Command Order List)
	Network Mode	This camera supports 3G (WCDMA) network or GSM network. If the monitoring area has no 3G signal, try to switch to GSM network.
	Location	Press enter to get the Longitude& Latitude information.(show only in the display screen)
	Download Tool	Please refer to the Chapter 8 for details.
SYS	**Set Clock**	Enter to set the date and time
	Time Stamp	Choose "On" or "Off" to show the time stamp on the picture or not.
	Flash Range	Infrared Flash range: 20 ft./6m and 40 ft./12m.(If most of the subjects are going to be inside 6m/20ft, use the 6m/20ft setting. If you need extended night vision, choose the 12m/40ft option.)
	Password	The default password is **0000**. Choose OFF to stop this function. If you set this option to **ON**, you will not be able to access your camera without the password. **Make sure you write down your password or store it in your phone so you don’t lose it.** This is a very important security feature.
	Language	English（Preset）.We provide the choice for customer to choose the language, pls contact your distributor for assistance.
	Beep	Customer can choose ON/OFF when operating the cameras.
	Overwrite	ON/OFF, if choose “ON” the camera writes

		off the previous taken pictures when the SD card is full and continues to record new pictures/videos , thus, the SD-card is recyclable, customer needs not to change SD card frequently.
	Format	Format the SD-card.
	Default Set	Restore all customer settings to default values.

3) Defaults settings:

Setting Items		**Default**
CAM	Camera Mode	Photo
	Photo Size	5M Pixel
	Photo Burst	1 Photo
	Video Size	VGA
	Video Length	5 sec
PIR	Sensitivity	Normal
	Trigger Interval	30 sec
	Time Lapse	Off
	Start-Stop	Enter
NET	Send Mode	Instant
	Send To	Phone
	Recipients	Enter
	SMS Switch	Off
	Network Mode	Auto
	Location	Enter
	Download Tool	/
SYS	Set Clock	Enter
	Time Stamp	On
	Flash Range	6m/20ft
	Password	Off
	Language	English
	Beep	Off
	Overwrite	Off
	Format	Enter
	Default Set	/

11 Controlling your camera using Android APP

You can control many of the basic functions of your camera from your cell phone by sending it codes via android APP or text message. You can control the following functions on your camera via SMS.

☐ Set Camera/Video Mode
☐ Acquire pictures
☐ Add/delete e-mail addresses or phone numbers of recipients
☐ Show the camera's altitude and longitude

(IMPORTANT NOTE: the **SMS switch** MUST be set to **ON** in the **NET set-up** for the SMS function to work.)

The person who has control of this function (master phone number) is the person who is in position 1 in the **NET set up** in the phone number list. This person can delete/add the subordinates of phone numbers 2, 3 and 4. Both the "master phone number" and the subordinates have the rights to edit the SMS command orders to control the camera.

Please install the android APP

to your smart phone. Below pictures will show you how to use it.

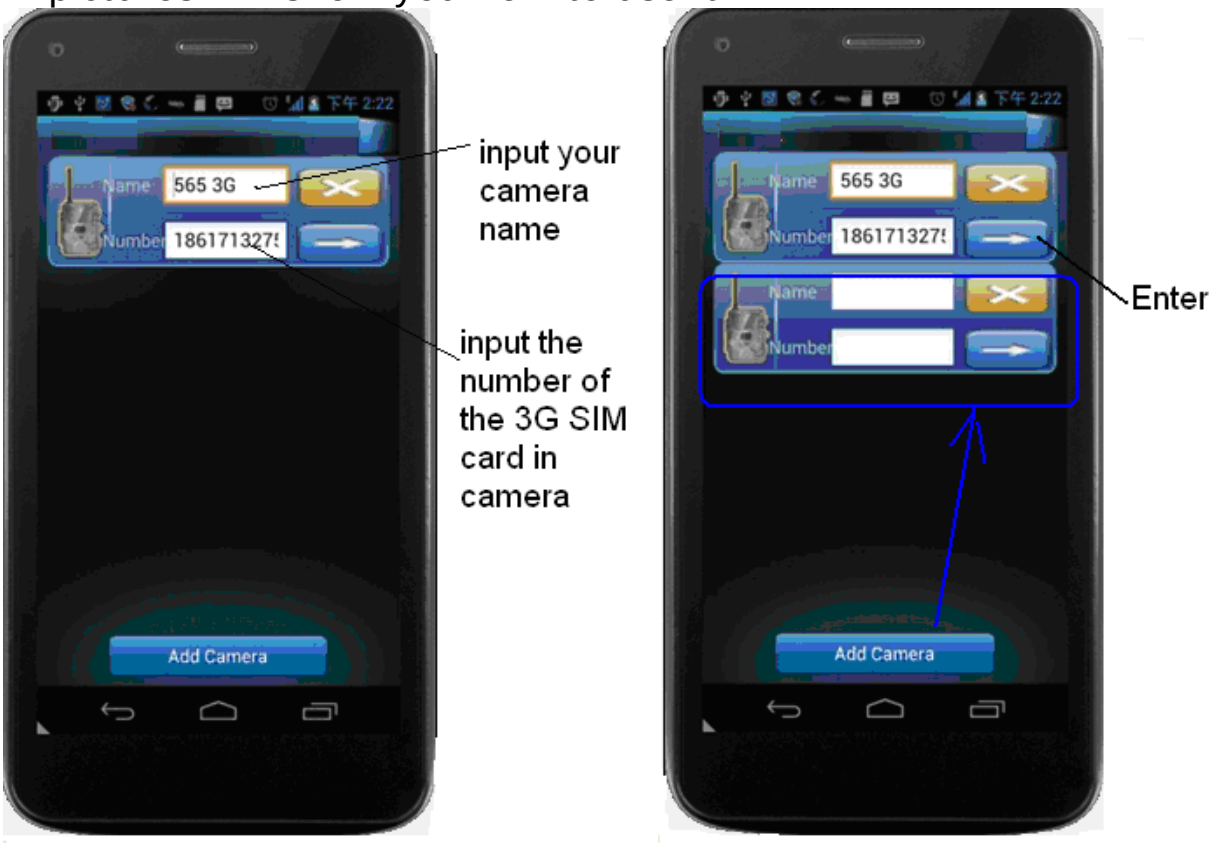

Fig 19

There are 3 main panels as below. Slide the phone screen to switch

between the panels.

Fig 20

Note: If you set **Wireless Status** to **OFF**, you will not receive photos or Daily reports to your phone or e-mail. You also can't get any response of other SMS commands. Just **Wireless ON command** can be responded when the Wireless Status is **Off**.

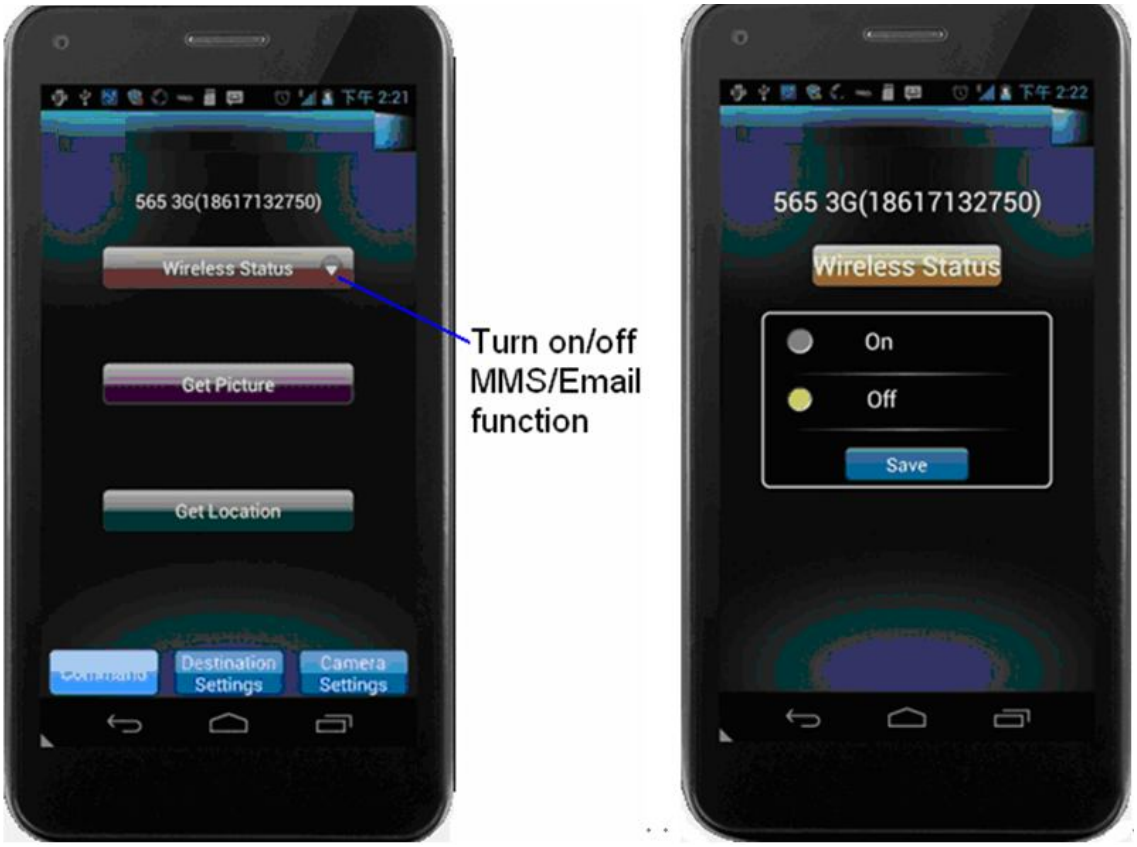

Fig 21

If you can't use **CamCtrl APP** to control your camera, please don't worry. You also can remote control your camera via text message. For example, you can edit "#500#" to retrieve a picture. For more commands, please see the below table.

SMS Command Order List

ACTION	SMS Command Order
Acquire Pictures	#500#
Get Location	#510#
Wireless On (active)	#200#ON#
Wireless Off (sleeping)	#200#OFF#
Turn Off the PIR sensor	#320#OFF#
Turn On the PIR sensor	#320#ON#
Set Photo Mode	#310#P#
Set Video Mode	#310#V#
Add Phone Number	#140#1#phone number# (Master ONLY)
Delete Phone Number	#140#0#phone number# (Master ONLY)
Add Email Address	#141#1#email address# (Master ONLY)
Delete Email Address	#141#0#email address# (Master ONLY)

12 View or Delete photos on the color display

You can view your photos on the color display when in the field. If you want to do this, make sure the **Power switch** is set to **SETUP.** Press the **Play** button ▌▶. You can use the ◄► buttons to toggle through the photos.

If you see photos you want to delete, press the **DEL** button. Use the ◄► buttons to toggle through YES or NO. Press OK to delete it

Press the Play button ▌▶ again, you can back to the main screen.

If you want delete all photos one time, press ▌▶ from main screen, then press **MENU**. Choose Delete item, and use ► to select delete all. After delete all the photos, press ▌▶ again to back to the main screen.

13 Trouble Shooting

COMMON ERROR MESSAGES:
“SEND FAIL”
“NETWORK BUSY”

Reasons for error:
1) The service in your area is not sufficient to run the camera.
2) There is an error when setting up the SIM card or it's locked.
Suggestions to remedy:
1) Re-do the UOV Set-up to make 100% sure there aren't any mistakes, check to be sure the numbers and e-mail addresses are correct.
2) Contact your network provider and make sure your SIM card is a **Text Feature Package** only and is **UNLOCKED**.
3) If it's a cellular service issue you may need to purchase a booster antenna to help boost the signal. These can be very effective in boosting the signal to your camera in a poor signal area.

"Network Busy:"
Reasons for error:
1) There is a problem with the phone number or email addresses.
2) There is not enough money on the SIM card plan.
Suggestions to remedy:
1) Re-do the UOV setup. Make sure there are no mistakes.
2) Sometimes you need to go back to just one phone number or e-mail address at a time to find where the error is. Test with just one and if it works, then add more and test.
3) Call in and re-up your text plan with more texts.

Cannot access the SETUP menu:
Reasons for issue:
1) This only happens if you don't have a SD card in the card slot or if the SD card is corrupt.
2) Batteries are too low
Suggestions to remedy
1) Install a SD card or Install a new SD card
2) Replace the batteries.

14 Tricks and tips on field setup

For best results, mount the camera approximately 1.3m/4ft off the ground facing straight forward as level as possible.
☐ To enhance the flash, we recommend positioning the camera in an area with a backdrop to reflect the maximum amount of light. For instance, place the camera 7m-10m/20ft-30ft from a field edge facing the woods. For the inside of timber, positioning the camera facing a

thicket approximately 7m-10m/20ft-30ft away.
☐ Try to set the camera up so it’s not facing directly into the sun either in the morning or the evening when game movement is at its peak.

Appendix Ⅰ: Technical Specifications

Picture Resolution	12MP, 8MP, 5MP, 3MP
Lens	F/NO=3.0 FOV(Field of View)=52°
IR-Flash	50% = 6m, 100% = 12m
Display Screen	2.0" LCD
Memory Card	Up to 32GB
Video Resolution	VGA or WVGA
PIR Sensor	Multi Zone
PIR Sensitivity	Adjustable (High/Normal/Low)
Trigger Time	1.2s
Weight	0.35 kg(without battery)
Operation Temperature	-20 - +60°C
Trigger Interval	0s – 60 min.
Time lapse	5-55 second (in 5 second increments); 1-59 minutes(in 1 minute increments); 1-8 hours(in 1 hour increments);
Photo Burst	1–3
Video Length	1–60s
Power Supply	12pcs of 1.5V AA alkaline batteries
Stand-by Current	< 0.25 mA (<6mAh/Day)
Power Consumption	600 videos（interval=5min,video length=10s）; >800 MMS(use 12*AA batteries)
Low Battery Alert	LED Indicator; SMS alert
Sound Recording	Available for HD cameras ONLY
Mounting	Rope/Belt/Python lock
Dimensions	140 x87 x55 mm
Operation Humidity	5% - 90%
Security authentication	FCC, CE, RoHS

Appendix Ⅱ: Parts List

Part Name	Quantity
Digital Camera	One
USB Cable	Not Available
Belt	One
User Manual	One
Antenna	One

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 remove the batteries when not in use. Warranty is not covering battery leaks or battery related malfunctions.

Declaration of Conformity to Directive 1999/5/EC

CE Caution :

Hereby, the manufacturer declares that this camera is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. Pls ask for your distributor for a copy of the **Declaration of Conformity to Directive 1999/5/EC**