

TUTA Series
GSM REMOTE CAMERA

User Manual

Manual version 2.4

TUTA Series GSM Remote Camera

Thank you for purchasing the TUTA camera. This camera is a remote controlled image-capturing device consisting of a microphone, infrared lights and a high quality 300,000-pixel camera lens. The TUTA camera can capture images according to a pre-programmed remote command and then send it to your multimedia messaging (MMS) enabled mobile phone with color display, or to an e-mail address. You can control and change the camera settings via SMS command.

The MMS sent by the TUTA camera can be viewed by using your mobile phone. You also can opt to view a slide of consecutive photos taken by the GSM Remote camera.

The built-in high-light infrared LED's allows the camera to capture clear images, even in dark environment.

The TUTA camera is compatible with standard 433MHz wireless sensors such as panic button, PIR-, door magnet- and smoking sensors.

All services and functions need to be supported by the GSM network and a SIM card.

This brochure suits for TUTA-B1 model.

Details of the functioning and advanced operation of this camera are described in this instruction manual.

CONTENTS

For your safety	4
Exception clause	4
Chapter 1 Structure Instruction	5
1.1 Package contents	5
1.2 Products features	5
1.4 Remote control instruction	6
Chapter 2 Installation and Use	6
2.1 Install the SIM card	6
2.2 Extending the camera's base board	7
2.3 Connecting to power adapter	7
2.4 Mount the TUTA camera	7
2.5 Power on/ off	7
Chapter 3 Define the user	8
3.1 User authorization level	8
3.2 Setup master number	9
3.2.1 Add a master number to the camera	9
3.2.2 Change the master number	9
3.2.3 Change password	10
3.3 Define family user	10
3.3.1 Add a family number	10
3.3.3 Delete family number	10
3.4 Define guest user	10
4.1 MMS parameter settings	10
Capture images	11
4.2.1 Capture images to mobile phone	11
4.2.3 Capture images and send to user's E-mail address	12
4.11 Arming or disarming TUTA camera	12
4.11.1 Arming TUTA camera	12
Camera alarm	13
4.11.3 Disarm TUTA camera	13
4.6 Emergency alarms	13
4.10 Wireless sensor(s)	13
4.10.2 Remove wireless sensor	14
4.17 Resetting the camera	14
Chapter 4 Advanced settings	15
4.5 Remote control	15
4.5.1 Pair remote control	15
4.5.2 Remote control instruction	15
4.5.4 Remove remote control from the camera	16
4.8 Infrared body detector setting	16
4.14 Camera language setting	16
5.1.1 Image size setting	16
5.1.2 Image quantity setting	16
5.2.1 Beep mode setting	17
3. SMS alarm function setting	17
4. MMS Alarm function setting	17
5.2.7 Dial call function setting	17
5.2.9 MMS to E-mail function setting	17
5.3 LED indicator setting	17
5.4 SMS notification upon the power supply changing	17
Chapter 7 General troubleshooting	18
Chapter 8 Main technical parameters	19
Appendix: SMS commands list	20

WARNING

1. Purchase a GSM SIM card (mobile phone card) from GSM network service and install it in the camera. This SIM card number is referred as TUTA camera number on this brochure.
2. The user needs to activate the MMS function and Caller ID Presentation function of SIM card, and deactivate PIN code of the SIM. Contact with GSM network service for support.
3. Change the original password at the beginning use. Be sure to keep the password and SIM card number secret. Do not disclose this information to anyone other than the authorized users in order to ensure your safety.

For your safety

- This product is a wireless signal transmission device. Keep it away from electronic equipment likely to interfere with the wireless signals, in order to avoid signals interference.
- Switch off your TUTA and mobile phone when entering areas marked "Explosive", "Might explode", "Closed wireless transceiver devices" etc.
- Do not cast this product in a fire, as this may cause the battery to explode.
- This product should only be operated from power approved by the product manufacturer. The use of any other types of power may damage the product.
- Keep the product and its accessories out of the children reach.

Exception clause

1. We operate on a policy of continuous development. We reserve the right to make changes and improvements to any of the products described in this document without prior notice.
2. For the latest product information, please visit: <http://www.i-tuta.com>. We don't guarantee for the document veracity, reliability or any content except regulate in proper laws. Including no guarantee for product suitable market or suitable area promise.
3. Use only this product according to the law. Respect one another's privacy. Neither monitor another's home nor private. We hold no responsibility for the illegal use of this product.
4. We hold no responsibility for any loss of data or income; or any special, incidental, consequential or indirect damages howsoever caused.
5. The contents of this document are provided "as is". Except as required by applicable law, no warranties of any kind, either expressed or implied, including, but not limited to the accuracy, reliability or contents of this document. We reserve the right to revise this document or withdraw it at any time without prior notice.

Chapter 1 Structure Instruction

1.1 Package contents

- | | |
|----------------------|---------|
| 1. GSM remote camera | 1 unit |
| 2. Power adapter | 1 unit |
| 3. Remote control | 2 units |
| 4. User manual | 1 unit |

1.2 Products features

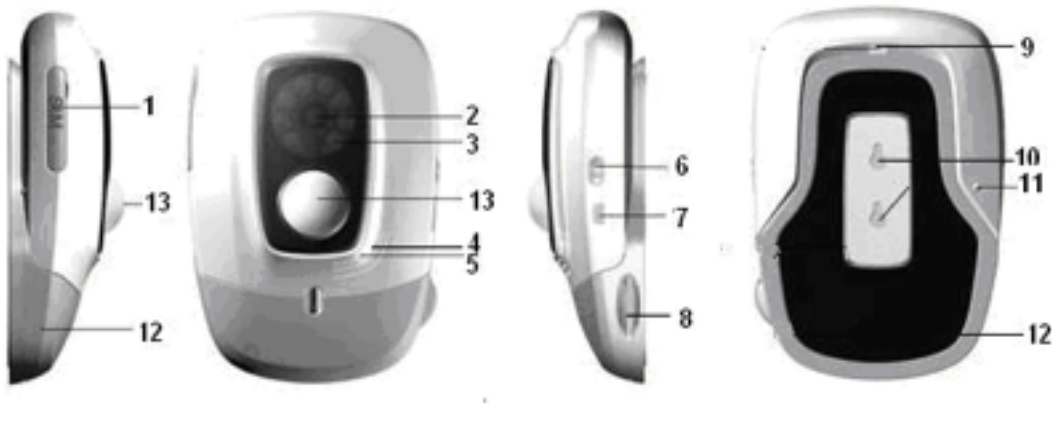
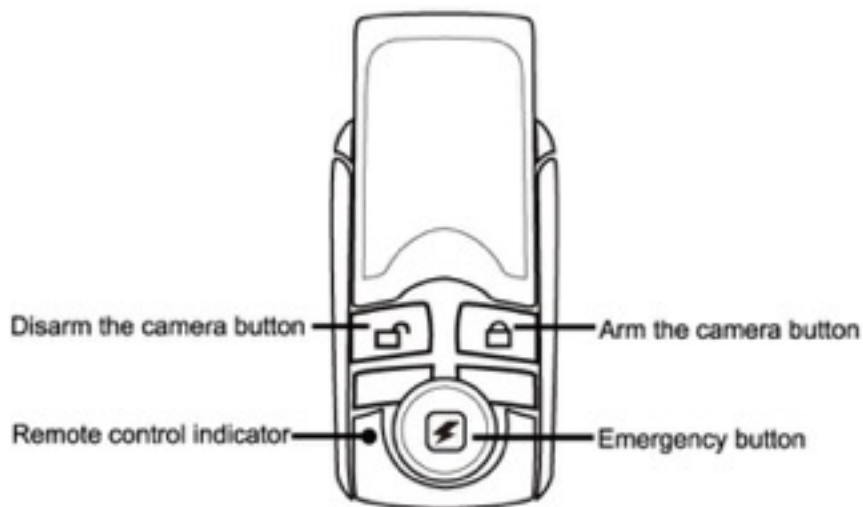


Figure 1: TUTA camera instructions

- | | |
|---------------------------------|-------------------------------|
| 1. SIM card Slot (rubber cover) | 7. Power Interface (Mini USB) |
| 2. Camera | 8. Line Holder |
| 3. Infrared lights (8 pcs) | 9. Slot buckle |
| 4. Microphone | 10. Hanging hole |
| 5. Indicator | 11. Setting key |
| 6. Power switch | 12. Base board |
| 13. Infrared body detector | |

Tip: Keep the camera lens clean to insure best imaging quality.

1.4 Remote control instruction



Battery: One 3.0V CR2032 battery.

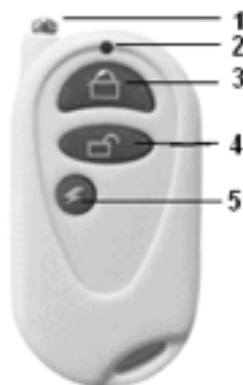


Figure 2: Remote control instruction

- | | |
|-----------------------------|-----------------------------|
| 1. Antenna | 3. Arm the camera button |
| 2. Remote control indicator | 4. Disarm the camera button |
| 5. Emergency button | |

Battery: One 27A/12V battery.

Note: There is battery holder on the rear of the remote control. When this battery is running out of power, TUTA camera will emit "Beep, beep" warning tone and then send a SMS notification message to **Master** user.

Chapter 2 Installation and Use

2.1 Install the SIM card

- Remove the rubber cover from the left side of TUTA camera.
- Open the SIM card slot by pressing the small dot beside the SIM card slot with the tip of a pencil, and pop open the slot.
- Insert the SIM card into the slot.

- Push the slot back into place.
- Put the rubber cover back in its place.

2.2 Extending the camera's base board

- Hold the base of TUTA camera and pull the top part and the bottom part (base) in opposite directions (i.e. away from each other).
- Then the slot buckle will be pulling open.
- The head of TUTA camera can now be moved freely and located at any direction.

2.3 Connecting to power adapter

- Connect the adapter to an AC power, and connect the mini-USB plug to the power interface of the TUTA camera .(See Figure 1 TUTA camera instruction)
- This camera has a built-in rechargeable Lithium battery.
- The camera will notify the user when the power changes. For example, if the power adapter is disconnected or failure of the AC power occurs, TUTA camera will notify the user "External power cut. The device is operating on battery."
- If TUTA camera is again connected to the external power, or the AC power is available again, the notification will be sent to the user, i.e." The device is now resuming the use of external power source."
- **Low battery:** The configure setting can not be saved when TUTA camera is operating on low battery.

2.4 Mount the TUTA camera

TUTA camera can be mounted on a wall (vertically with the screws) or put down on any suitable horizontal surface.

How to choose the Installing place:

- In order to capture better image quality, avoid any areas where bright light will be irradiated directly into the lens of the camera on the camera.
- In order to avoid backlighting photography, it is suggested that the camera is located at the place where can look down the monitoring place with the minimum angel 30°.
- The GSM network's signal strength may affect the image, live voice quality and MMS transmission speed. Therefore, upon installation, the user should ensure that TUTA camera is located in an area with a strong network signal.
- After installation, the user should perform a test-run by taking several images and sending it to the user's mobile phone. This allows the user to check the image quality of the camera. The position of TUTA camera can then be adjusted until a satisfactory image quality level is reached.

2.5 Power on/ off

Power on:

Operation	Indicator light	Status
Turn the power switch to “On” position.	Red light is on for 3-5 seconds.	
	Red light flashing slowly for about 35 seconds.	
	A “Beep...” tone will be heard.	
	Green light flash slowly, or green light be on constantly.	TUTA camera is disarmed, or armed.

Power off:

Turn the power switch to downside “Off” position.

Chapter 3 Define the user

3.1 User authorization level

There are three levels, each with a different authorization level, namely **Master**, **Families** and **Guest**.

Table 3.1 the difference in authority for Master, Families and Guests users:

User Type		Master	Families	Guests
Functions				
Change authority, password		YES	NO	NO
Automatic Alarm	Receive SMS	YES	NO	NO
	Receive MMS	YES	NO	NO
	Receive alarm calling	YES	YES	NO
	Get images by E-mail	YES	NO	NO
Emergency alarm	Receive SMS	YES	NO	NO
	Receive MMS	YES	NO	NO
	Receive emergency calling	YES	YES (Only emergency number)	
Call the camera to listen in live voice		YES	YES	NO
Get work status, images, help and instruction by sending SMS command		YES	YES	YES(Password)
Get images by E-mail		YES	YES	NO
Set remote camera by SMS command		YES	YES	NO
Add, modify or delete sensor		YES	YES	NO
Camera language setting		YES	NO	NO
Set infrared body detect function		YES	YES	NO

- **Note**

- Any MMS enabled mobile phone can receive the images captured by TUTA camera by sending SMS command with password.
- Any SMS enabled mobile phone can control TUTA camera with the password command.

All the settings of TUTA camera can be set or adjusted via a SMS command.

About the SMS Command:

- **Master** and **families** users' SMS command format: #code#content#.
- **Guest** users' SMS command format: #code#password#content#.
- The password must be a four-digit number.
- The original password is 1234.
- The maximum digits that are allowed for the phone number is sixteen.
- TUTA camera will reply to the user after it receives the SMS command.

- **Note**

- The “#” symbol must not be ignored when typing an SMS command.
- No allow any space within the commands.

3.2 Setup master number

Master user has all the rights of changing camera settings and receives alarm messages from camera. In order to enable all the functions on the camera, the **Master** user must store his/ her mobile number in the camera's memory. Only one **Master's** mobile number (**Master** number) is allowed for a camera.

3.2.1 Add a master number to the camera

The user must edit and send the following SMS (text message) to camera from mobile phone (the phone number will be the **Master** number) to setup master number:

#00#SIMnumber# (1)

The SIMnumber is the camera installed SIM card number, it need to add country code in front of the SIM number, for example #00#+49123456789# (+49 is the country code of Germany, 123456789 is SIM number).

If the camera reply master number already exists, please refer the “Reset factory setting” parts to delete old master number.

3.2.2 Change the master number

Master user sends following SMS message in order to:

Change the master user's number: #14#NewMasterNumber# (2)

3.2.3 Change password

In order to ensure your privacy and safety during the use of this camera, change the password once start to use TUTA camera.

Master user sends following SMS message to:

Change the password: #04#oldpassword#newpassword# (3)

- The **password** is a four digit number.
- The original **password** is 1234.

3.3 Define family user

Family users have the authority to listen in on the camera, receive images, load the sensors and remote controls to the camera, and receive notification when motion detection activated. The **family** user's mobile numbers are set by the **Master** user. The **family** users should remember and safeguard the camera's SIM number.

3.3.1 Add a family number

Master user sends following SMS message in order to:

Add a family number: #06#FamilyNumber# (4)

Add several family numbers: #06#FamilyNumber#...#FamilyNumber# (5)

- Up to 10 **family** users' number can be stored on one camera.

3.3.3 Delete family number

Master user sends following SMS message in order to:

Delete a family number: #113#FamilyNumber# (6)

Delete several family numbers simultaneously: (7)

#113#FamilyNumber#...#FamilyNumber#

Delete all family numbers: #113# (8)

3.4 Define guest user

Any selected person can operate in the **Guest** category if they know the password and the SIM number. The **Guest** user(s) can then use their mobile phones to send a SMS command including password to TUTA camera in order to obtain an MMS image.

4.1 MMS parameter settings

Normally the camera will preset local operator MMS settings in the firmware, user do not need to setup the MMS parameters. But if operator change the MMS parameters or local setting do not preset in the firmware, user will receive SMS "Sorry, the network is busy, MMS sending failed" when they request MMS images. Master

number can setup the MMS parameters manually by following method.

There are six MMS parameters request for the camera, user need to send following two SMS command to set these parameters into the camera.

Method:

Master user sends following SMS message in order to:

Set MMS center: #124#**MMScenter**# (14)

- The **MMScenter** should be the MMS center address of GSM provider. For example: #124#http://mmsc.monternet.com#

Set APN parameters: (15)

#125#**Proxy IP#WAP Proxy Port#HTTP Proxy Port#APN#Username#Pssaword**#

For example: #125#10.0.0.172#9201#80#cmwap#wap#wap#

Master user send following SMS command to check the current used MMS parameters:

Check the operative network parameter settings: #55# (17)

Capture images

Authority:

Master/ family / guest send SMS to the camera to get the MMS image or send the image(s) to an appointed mobile or E-mail address.

Master/ family member call the camera to get the images.

Master/ family send SMS command to the camera to send MMS image to an E-mail address (Need to pre-set E-mail address).

4.2.1 Capture images to mobile phone

Method 1:

- **Master** or **family** user calls the camera and hand up upon hearing the ringing tone (within 10 seconds).
- TUTA camera will reply SMS notification: "Request received, TUTA camera is sending an MMS image."
- The user will then receive the MMS message momentarily.
- The guest users are unable to capture an image by using method 1.

Method 2:

The user sends following SMS message in order to:

Capture one image and send to the user mobile:

For master and family users: #03# (18)

For guest users: #03#**password**# (19)

Capture several images and send to the user mobile:

For **master** and **family** users: **#03#ImageQuantity#** (20)

For **guest** users: **#03#Password#ImageQuantity#** (21)

- **Image quantity** should be in the range of 1-8 when the image size is set at 160×128 or 320×240 (Refer image size setting parts.) The default image size is 320×240(QVGA).
- **Image quantity** should be in the range of 1-2 when the image size is set at 640×480.

4.2.3 Capture images and send to user's E-mail address

Master or family user can send command to send the images to E-mail address, the E-mail address must be set at first.

Setup e-mail address:

Master or family user sends following SMS message in order to:

Add/modify an E-mail address: #108#EmailAddress# (25)

Capture images to email address

The user sends following SMS message in order to:

Capture image(s) and send to pre-set E-mail: (22)

#03#ImageQuantity#1#

- **Image quantity** should be in the range of 1-8 when the image size is set at 160×128 or 320×240.
- **Image quantity** should be in the range of 1-2 when the image size is set at 640×480.

4.11 Arming or disarming TUTA camera

4.11.1 Arming TUTA camera

- When user arm the TUTA camera, built-in infrared body detector (PIR) will start working and detecting body heat. TUTA camera will automatically send alarm message or making a phone call once the infrared body detector (PIR) triggered.
- There will be 1 minute alarm-suspension period; user can leave the camera place during this time to avoid misalarm.

Method 1:

Master or family user sends following SMS message in order to:

Arm TUTA camera: #01# (45)

Method 2:

Press  on the remote control, whilst pointing it in the direction of TUTA camera. TUTA camera will emit a "Beep" tone, to indicate that arming TUTA camera is successfully. (Refer remote control instruction parts.)

Camera alarm

Once the camera received triggered information, the LED will flash fast in green, then turn red and flash fast. It will sending alarm SMS, MMS or make voice calling according to the setting. After it finish to process the alarm, camera will enter 1 minute **alarm-suspension period**, camera only can alarm again after one minute.

4.11.3 Disarm TUTA camera

Method 1:

Master or family user sends following SMS message in order to:

Disarm TUTA camera: #02# (46)

Method 2:

- Press the  button on the remote control, the camera will emit a “Beep” tone to show the TUTA disarm successfully. (Refer remote control instruction parts.)

4.6 Emergency alarms

User can press the remote control emergency button  to make camera **alarm**, TUTA camera will stop any operation once it receive emergency alarm signal, and start to process emergency alarm. TUTA camera will dial the **master** number 3 times until someone answers. If, after 3 attempts, there is no answer, TUTA camera will automatically stop dialing and revert to its preset mode. Master can listen in the live audio to answer the call.

4.10 Wireless sensor(s)

Standard 433MHz wireless sensor, such as infrared body sensor, wireless door magnet, wireless smoke detector etc. can be set as an alarm sensor of the camera. Up to 15 wireless sensors and wireless panic buttons can be loaded onto one TUTA camera.

There are two modes for wireless sensor:

Arm-alarm mode: sensor only alarm when the camera in arm mode, normally, door sensor, infrared sensors work with this mode.

Always-alarm mode: sensor will always alarm once the sensor triggered even the camera disarm, normally smoke detector, gas detector, panic button work with this mode.

Load sensor to camera:

1. Power on the wireless sensor.
2. User sends following SMS message to **make TUTA camera enter loading mode:**

Arm-alarm mode:

#05#SensorDescription# (41)

Always-alarm mode:

#196#SensorDescription# (42)

- **SensorDescription** is used for identify different sensors affiliated with each camera. It can be numbers and letters.
 - **SensorDescription** could be empty. For **#05#**, TUTA camera will recognize the sensors with name “Sensor” and number such as: Sensor1, Sensor2, Sensor3. For **#196#**, TUTA camera will recognize the sensors with name “SOS” and number such as SOS1, SOS2, SOS3.
 - Up to 9 characters can be include in the **SensorDescription**
 - Sensor alarm default only send SMS, if user want the camera sending SMS & MMS of this sensor alarm, it need to add * in front of sensor description, such as **#05#*door#**.
3. When TUTA camera received the SMS command, it will emit a “Beep...” tone and the indicator will flash red and green alternately. TUTA camera will then send a notification SMS to the user “Camera pairing sensor, activate sensor then wait for confirmation SMS.”
 4. The user needs to make the sensor work and transmit signal to be studied by TUTA camera.
 5. When TUTA camera receives the sensor signal, it will emit a “Beep...” tone and send a notification message SMS “Sensor *** successfully paired”
 6. To exit the loading mode manually, press the **set** key of the camera, TUTA camera will emit a “Beep...” tone and exit the loading mode.

4.10.2 Remove wireless sensor

User sends following SMS message in order to:

Remove a wireless sensor: (43)

#112#SensorDescription#...#SensorDescription#

- **Sensor description** should be the existing sensor which the user wants to remove.

Remove all wireless sensors: **#112#** (44)

4.17 Resetting the camera

- User can reset the camera to factory setting if the user forgot the master number or camera do not work normally.
- After reset factory setting, camera will delete all setting numbers and setting values, user need to setup master number from beginning.

• Method

Method 1: Reset via the camera

- Switch TUTA camera off. It must remain off for a minimum of 20 seconds.
- Press and hold the **set** button and then switch TUTA camera back on.
- The indicator light will be green for 2-4 seconds after which it will flash red.
- If the resetting of TUTA camera is successful, a “Beep ...” tone will be emitted.

Method 2: Reset via SMS command

Master user sends following SMS message to TUTA camera in order to:

Reset the camera: #08#password# (61)

Chapter 4 Advanced settings

4.5 Remote control

4.5.1 Pair remote control

Normally the remote control will paired in factory, if user do not work with camera, user the pair the remote control separately. A camera can be pair up to 5 remote controls.

• Method

Camera Indicator	Operations	Status
Green, flashing or constantly light.	1. Press and hold the Set key for 2 seconds	Indicator light turns to orange (Learning mode)
Orange, flashing	2. Press any button on the remote control (with battery inside) to send a signal to TUTA camera.	TUTA camera will emit a “Beep” tone and indicator will turn green for 2S. (Added successfully.)
Orange, flashing	3. Repeat step2 to load another new remote camera.	
Orange, flashing	4. Press the Set key to exit the learning mode or waiting for 15 seconds to auto-exit.	Indicator light turns green, flashing or constantly light. (Exit learning mode)

4.5.2 Remote control instruction

There are three buttons on the remote control:

A. Arm TUTA camera

- When  is pressed, the indicator light on TUTA camera will turn green. This indicates that TUTA camera is in armed mode.

B. Disarm TUTA camera

- When  is pressed, the indicator light on TUTA camera will slowly flash

green. This indicates that TUTA camera is in disarmed mode.

C. Emergency button

- When  is pressed, the indicator light on TUTA camera will rapidly flash green. Then TUTA camera will dial the master user's number. Live audio stream can be heard upon answering the emergency call.

4.5.4 Remove remote control from the camera

Master user sends following SMS message in order to:

Remove all remote controls from the camera: #111# (32)

4.8 Infrared body detector setting

User sends following command to activate/deactivate the built-in infrared body detector.

Activate infrared body detector (default): #118#1# (35)

Deactivate infrared body detector: #118#0# (36)

4.14 Camera language setting

- Each camera included two languages in the firmware, default language is English and Spanish, user can send following SMS command to switch different language:

Spanish language: #127#0# (53)

English language(Default): #127#1# (54)

5.1.1 Image size setting

- User sending following SMS command to set the images size:
- #32#value# (62)
- If the **value** is 1, the image size is 160 × 128(pixels). It's for a standard small screen mobile phone. The size of one MMS image file is 4K.
- If the **value** is 2, the image size is 320×240(QVGA default). The size of one MMS image file is 9K.
- If the **value** is 3, the image size is 640 × 480 (VGA). The size of one MMS image file is 33K.

5.1.2 Image quantity setting

- User sending following SMS to set alarm images quantity, camera will send max 8 images in ONE MMS according to the setting:
- #33#quantity# (63)
- The default **quantity** value is 5, with the default image size 320×240 and the Image capturing interval time.

- The **quantity** value should be in the range of 2-8.
- If the image size is 640×480, up to 2 image quantity can be used.

5.2.1 Beep mode setting

- User send following SMS command to set the beep mode, when beep mode activate, camera will beep rings when camera alarm.
- Activate beep mode: #130#1# (65)
- Deactivate beep mode #130#0# (66)

3. SMS alarm function setting

Camera alarm default with SMS to user's mobile phone, user can send following command to deactivate the SMS alarm function:

SMS alarm function OFF: #11#0# (67)

- SMS alarm function ON (Default): #11#1# (68)

4. MMS Alarm function setting

- MMS alarm function OFF: #12#0# (69)
- MMS alarm function ON (Default): #12#1# (70)

5.2.7 Dial call function setting

- Dial master number function OFF when alarm activated (Default): #13#0# (71)
- Dial master number function ON when alarm activated: #13#1# (72)

5.2.9 MMS to E-mail function setting

- MMS to email function OFF when alarm activated: #110#0# (73)
- MMS to email function ON when alarm activated: #110#1# (73)

5.3 LED indicator setting

If the LED indicator is on, it will display in different ways to show the working status. If it turns off, it can make TUTA camera private and avoid to be found easily. User sends following SMS command to make LED indicator setting:

Turn off indicator: #143#0# (76)

Turn on indicator (Default): #143#1# (77)

5.4 SMS notification upon the power supply changing

User sends following SMS message in order to set:

SMS notification upon the power supply changing (Default): #144#1# (78)

No SMS notification upon the power supply changing: #144#0# (79)

Chapter 7 General troubleshooting

No.	General Trouble	Possible Reason	Solution
1	Can't start camera (Indicator is working)	Other master is already set in the camera.	Recover to factory default setting.
2	All functions disable (Indicator is working)	Caller ID presentation or MMS functions of the SIM card do not active, insufficient fee of the SIM card.	Contact network provider to active SIM card function. Pay for the card.
3	Indicator constant light in red color.	Can't find or identify the SIM card.	SIM card no install properly: Power off the camera and check it again.
4	Camera didn't response of any operation.	TUTA camera work abnormally.	Switch off the power, check SIM card, or reset factory setting.
5	After starting the camera, indicator flashed in red color and can not turn to green.	Network signal weak or network busy.	Place the camera at other place with strong signal and try again.
		SIM card PIN code actives.	Close the PIN code.
		SIM card invalid.	Contact with local operator to check of it.
6	Remote control can't work. Or action slowly. Or control distance range shortened.	Camera low power.	Connect external power to recharge the battery.
		Remote control low power.	Change remote control battery.
		Two remote control work simultaneously.	Try only one remote control.
7	Can't add new remote control or wireless sensor	The remote control or sensor already studies successfully.	Exit the loading status.
		The sensor quantity is already reaches its max number.	Delete old sensors before add new sensor.
		Didn't set master user number	Set master number before add sensor.
8	Can't start the camera after long time supply with the battery.	Battery runs out of power.	Connect the camera to external AC power and charge for at least one hour, then, restart camera.

Note: If the problem can't be solved with above guidelines, contact to your local distributor or after service center.

Chapter 8 Main technical parameters

Power adaptor	Input: 100V ~ 240V/50Hz Output: 5.5V DC
Work temperature	-10°C ~ +45°C
Store temperature	-20°C ~ +60°C
Relative humidity	10-90%, without condensation
Working band	EGSM900, DCS1800 (GSM850, PCS1900 Optional)
Communication protocols	GSM PHASE 2/2+ (including data operation)
Wireless sensor receiving code	ASK
Wireless sensor receiving band	433MHz
Max wireless sensor	15 units
Remote control receiving band	433MHz
Effective distant of the remote control	6 meters (wide area)
Image format	JPEG
Image resolution	160×128, QVGA320×240, VGA640×480
Camera pixel	300K pixel
Camera shooting angel	68 degree
Best shooting distance at night	≤6 meters
Lithium battery (Inner)	800mAh
Battery standby time	12 hours (Affected by network)

Appendix: SMS commands list

BUY ON
www.cablematic.com

TUTA-B1 GSM REMOTE CAMERA USER MANUAL

Category	Function	Command	User
Define the user	Add a master number to the camera	(1) <u>#00#+CountryCodeSIMNumber#</u>	Master
	Change the master user's number	(2) <u>#14#NewMasterNumber#</u>	Master
	Change the password	(3) <u>#04#oldpassword#newpassword#</u>	Master
	Add a family number	(4) <u>#06#FamilyNumber#</u>	Master
	Add several family numbers	(5) <u>#06#FamilyNumber#...#FamilyNumber#</u>	Master
	Delete a family number	(6) <u>#113#FamilyNumber#</u>	Master
	Delete several family numbers simultaneously	(7) <u>#113#FamilyNumber#...#FamilyNumber#</u>	Master
	Delete all family numbers	(8) <u>#113#</u>	Master
	Add single emergency number on the camera	(9) <u>#106#EmergencyNumber#</u>	Master
	Add several emergency numbers on the camera	(10) <u>#106#EmergencyNumber#...#EmergencyNumber#</u>	Master
	Delete an emergency number	(11) <u>#107#EmergencyNumber#</u>	Master
	Delete several emergency numbers	(12) <u>#107#EmergencyNumber#...#EmergencyNumber#</u>	Master
	Delete all emergency numbers	(13) <u>#107#</u>	Master
Network parameter settings	Set MMS center	(14) <u>#124#MMScenter#</u>	Master
	Set APN parameters	(15) <u>#125#GatewayIP#WAPGatewayPort#HTT PGatewayPort#APN#APNusername#APNpass word#</u>	Master
	Remove the operative network parameters and then auto-choose new parameters from memory	(16) <u>#54#</u>	Master
	Check the operative network parameter settings	(17) <u>#55#</u>	Master
capture images	Capture one image and send to the user mobile	(18) <u>#03#</u>	Master Family
		(19) <u>#03#password#</u>	Guest
	Capture more than one image and send to the user mobile	(20) <u>#03#ImageQuantity#</u>	Master Family
		(21) <u>#03#Password#ImageQuantity#</u>	Guest
	Capture image(s) and send back to user's pre-set E-mail address	(22) <u>#03#ImageQuantity#1#</u>	Master Family
	Capture image(s) and send to appointed mobile or E-mail address	(23) <u>#30#NumberOrEmail#ImageQuantity#</u>	Master Family
		(24) <u>#30#Password#NumberOrEmail#ImageQu antity#</u>	Guest

TUTA-B1 GSM REMOTE CAMERA USER MANUAL

Category	Function	Command	User
E-mail settings	Add/modify an E-mail address	(25) <u>#108#EmailAddress#</u>	Master Family
	Delete all E-mail address	(26) <u>#109#</u>	Master
Timed imaging	Enable timing sends MMS images	(27) <u>#115#1#</u>	Master
	Set time period to auto-send MMS image	(28) <u>#116#WorkDay#StartTime1#EndTime1#IntervalTime1#...#StartTime3#EndTime3#IntervalTime3#</u>	Master
	Disable timing send MMS image	(29) <u>#115#0#</u>	Master
Remote control	No SMS notification message upon arming or disarming TUTA camera via remote control	(30) <u>#137#0#</u>	Master Family
	Send SMS notification message upon arming or disarming TUTA camera via remote control	(31) <u>#137#1#</u>	Master Family
	Remove all remote controls from the camera	(32) <u>#111#</u>	Master Family
Emergency alarm	Emergency Mode1(to dial)	(33) <u>#39#0#</u>	Master Family
	Emergency Mode2(to send SMS and MMS message)	(34) <u>#39#1#</u>	Master Family
infrared body detector	Activate infrared body detector (default)	(35) <u>#118#1#</u>	Master Family
	Deactivate infrared body detector	(36) <u>#118#0#</u>	Master Family
Motion detection	Deactivate motion detection(default)	(37) <u>#22#0#</u>	Master Family
	Activate motion detection	(38) <u>#22#1#</u>	Master Family
	Send five images upon motion detection alarm	(39) <u>#142#1#</u>	Master Family
	Cancel send five images of motion detection alarm	(40) <u>#142#0#</u>	Master Family
wireless sensor	Make TUTA camera enter loading mode and set corresponding alarm mode	(41) <u>#05#SensorDescription#</u>	Master Family
	Make TUTA camera enter loading "wireless panic button" mode	(42) <u>#196#PanicDescription#</u>	Master Family
	Remove a wireless sensor	(43) <u>#112#SensorDescription#...#SensorDescription#</u>	Master Family
	Remove all wireless sensors	(44) <u>#112#</u>	Master Family

TUTA-B1 GSM REMOTE CAMERA USER MANUAL

Category	Function	Command	User
Arming or disarming TUTA camera	Arming TUTA camera manually	(45) <u>#01#</u>	Master Family
	Disarming TUTA camera manually	(46) <u>#02#</u>	Master Family
	Enable timing arms the camera	(47) <u>#128#1#</u>	Master Family
	Set time period to arm the camera	(48) <u>#129#WorkDay#ArmTime1#DisarmTime1#...#ArmTime3#DisarmTime3#</u>	Master Family
	Disable timing arm the camera	(49) <u>#128#0#</u>	Master Family
	Activate auto-disarming the camera	(50) <u>#138#1#</u>	Master Family
	Set the value of alarm times when TUTA camera is auto-disarming	(51) <u>#139#times#</u>	Master Family
	Disable the function of auto-disarming the camera	(52) <u>#138#0#</u>	Master Family
language setting	The user's first language (or Spanish) version	(53) <u>#127#0#</u>	Master
	English version	(54) <u>#127#1#</u>	Master
Check status	Check the present settings and work status of the camera	(55) <u>#07#</u>	Master Family
		(56) <u>#07#password#</u>	Guest
Getting help	Getting normal command list via SMS	(57) <u>#09#</u>	Master Family
		(58) <u>#09#password#</u>	Guest
	Getting detailed instruction via MMS	(59) <u>#09#1#</u>	Master Family
		(60) <u>#09#password#1#</u>	Guest
Reset	Reset the camera	(61) <u>#08#password#</u>	Master
Image settings	Image size	(62) <u>#32#value#</u>	Master Family
	Image quantity	(63) <u>#33#quantity#</u>	Master Family
	Image Interval	(64) <u>#103#time#</u>	Master Family
	Warning tone upon alarm triggering	(65) <u>#130#1#</u>	Master Family
	No warning tone upon alarm (Default)	(66) <u>#130#0#</u>	Master Family
	No SMS notification upon alarm	(67) <u>#11#0#</u>	Master Family
	SMS notification upon alarm (Default)	(68) <u>#11#1#</u>	Master Family

TUTA-B1 GSM REMOTE CAMERA USER MANUAL

Category	Function	Command	User
Automatic alarm settings	No MMS notification upon alarm	(69) <u>#12#0#</u>	Master Family
	MMS notification upon alarm (Default)	(70) <u>#12#1#</u>	Master Family
	No call notification upon alarm (Default)	(71) <u>#13#0#</u>	Master Family
	Call notification upon alarm	(72) <u>#13#1#</u>	Master Family
	No MMS notification to pre-set E-mail address (Default)	(73) <u>#110#0#</u>	Master Family
	MMS notification to pre-set E-mail address	(74) <u>#110#1#</u>	Master Family
	The alarm-suspension time between two alarms	(75) <u>#151#Minutes#</u>	Master Family
Lights	Turn off indicator	(76) <u>#143#0#</u>	Master Family
	Turn on indicator	(77) <u>#143#1#</u>	Master Family
SMS notification and reply	SMS notification upon the power supply changing (Default)	(78) <u>#144#1#</u>	Master Family
	No SMS notification upon the power supply changing	(79) <u>#144#0#</u>	Master Family

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