



Scouting Cam BLACK700phone



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Thank you for choosing one of our highly qualified 16MP 3G MMS GPRS Scouting Trail Camera. This digital camera was totally R&D by our diligent and smart engineers based on feedback and requirements from customers globally.

This digital camera is an ideal product for housing security, warehouse surveillance, and monitoring wild animals with its camouflage appearance and nice shape. It is convenient to install or fasten, could be used to take photographs manually and carry on long-time videos in Test mode.

- a) Instant surveillance camera for home, office, construction site, and warehouse, etc
- b) Motion-triggered infra-red night vision surveillance;
- c) Animal observation and hunting;

a) AA Alkaline batteries

This camera can either work with 6pcs AA Alkaline batteries.

Please note that the voltage of rechargeable AA batteries (1.2V) is insufficient to power this device. Batteries should be inserted as indicated inside the battery case.

b) Power Adapter

This camera can also be powered by an external 9V DC adapter. Recommend to remove the alkaline batteries when power adapter is used, to avoid surcharging.

- a) Please insert the Micro SD Card + SIM card when the power switch is on OFF position before testing the camera.
- b) Please do not insert or take out the Micro SD Card when the power switch is on ON position.
- c) It is recommended to format the Micro SD Card by the camera when used at the first time.
- d) The camera will be in USB mode when connected to a USB port of a computer. In this case, the Micro SD Card functions as a removable disk.
- e) Please ensure sufficient power when having firmware upgrade, otherwise the upgrade process could be interrupted incorrectly. If any fault occurs after improper upgrading process, the camera may stop function properly.

ATTENTION! Legal and privacy protection:

Please inform yourself carefully about the legal regulations in your country concerning to data protection, personal identification, copyright, duty of notification and privacy laws before using this device.

BRAUN Photo Technik GmbH assumes no liability for violations against the Federal Data Protection Act and other legal regulations!

Privacy of individuals must be preserved.

Prepare your camera only at places where this is guaranteed.

Recordings with people have to be deleted, if there is no agreement for publishing.

The area of recording has to be displayed clearly to all public entry points.

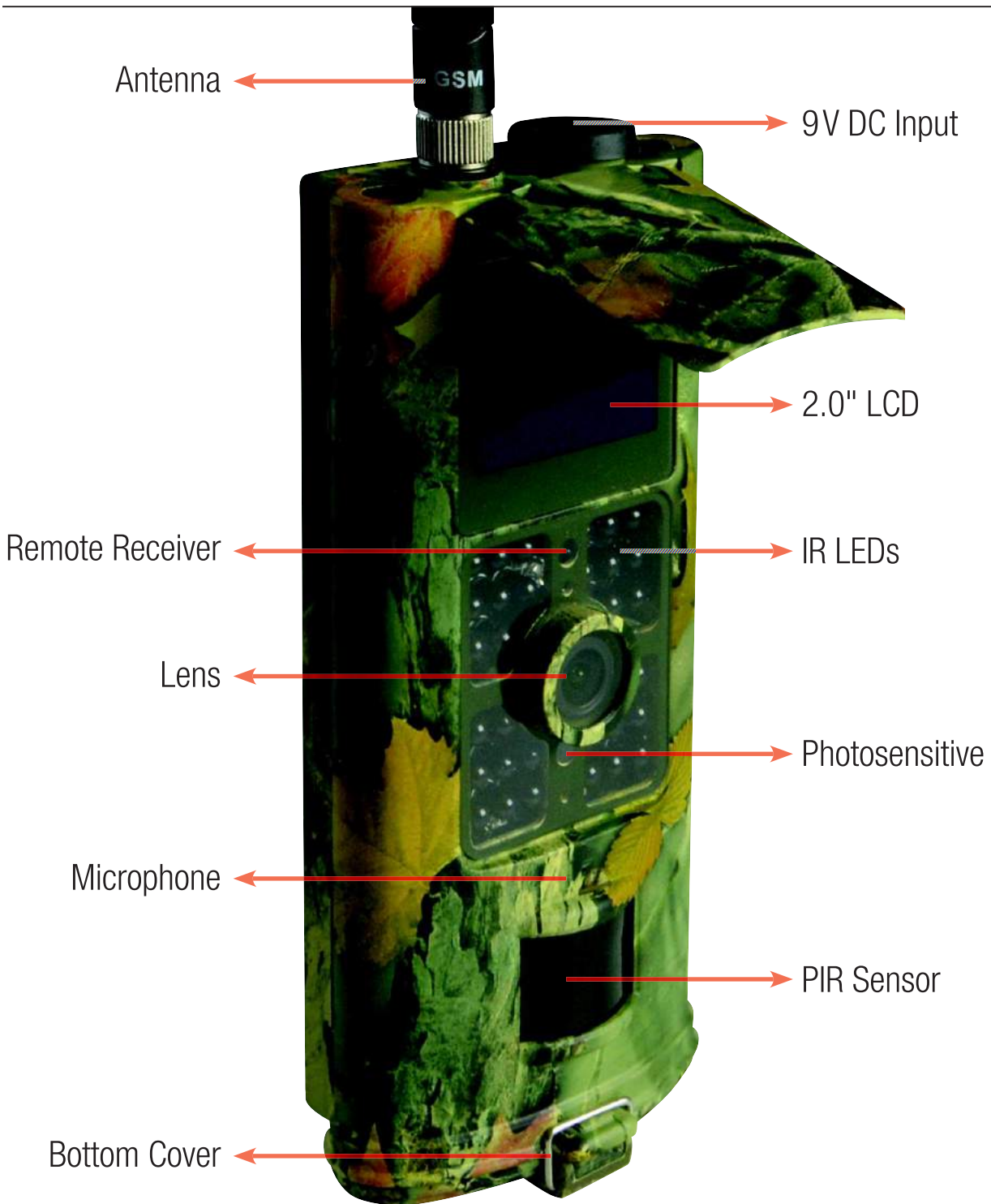
1.5

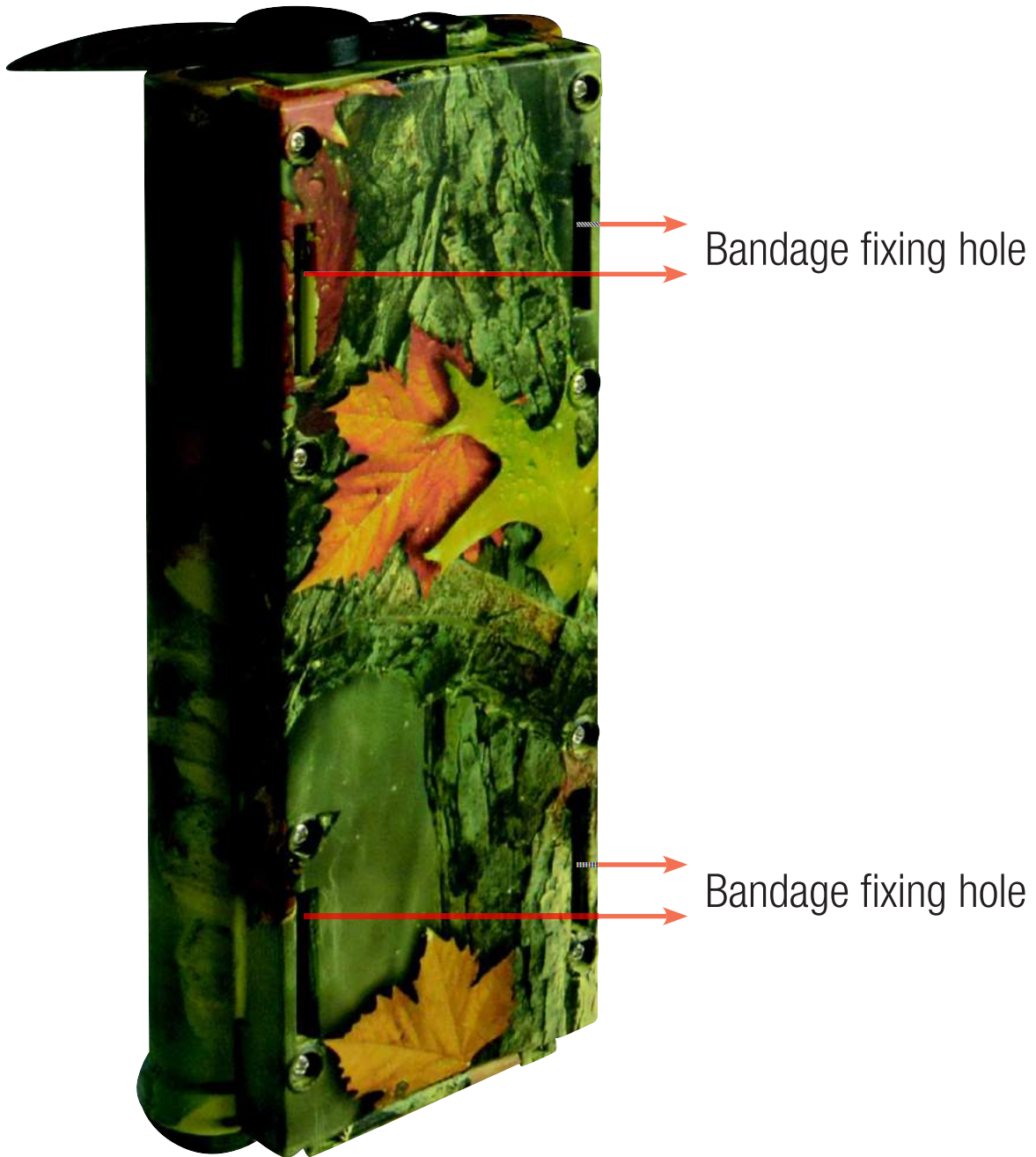
Key Features

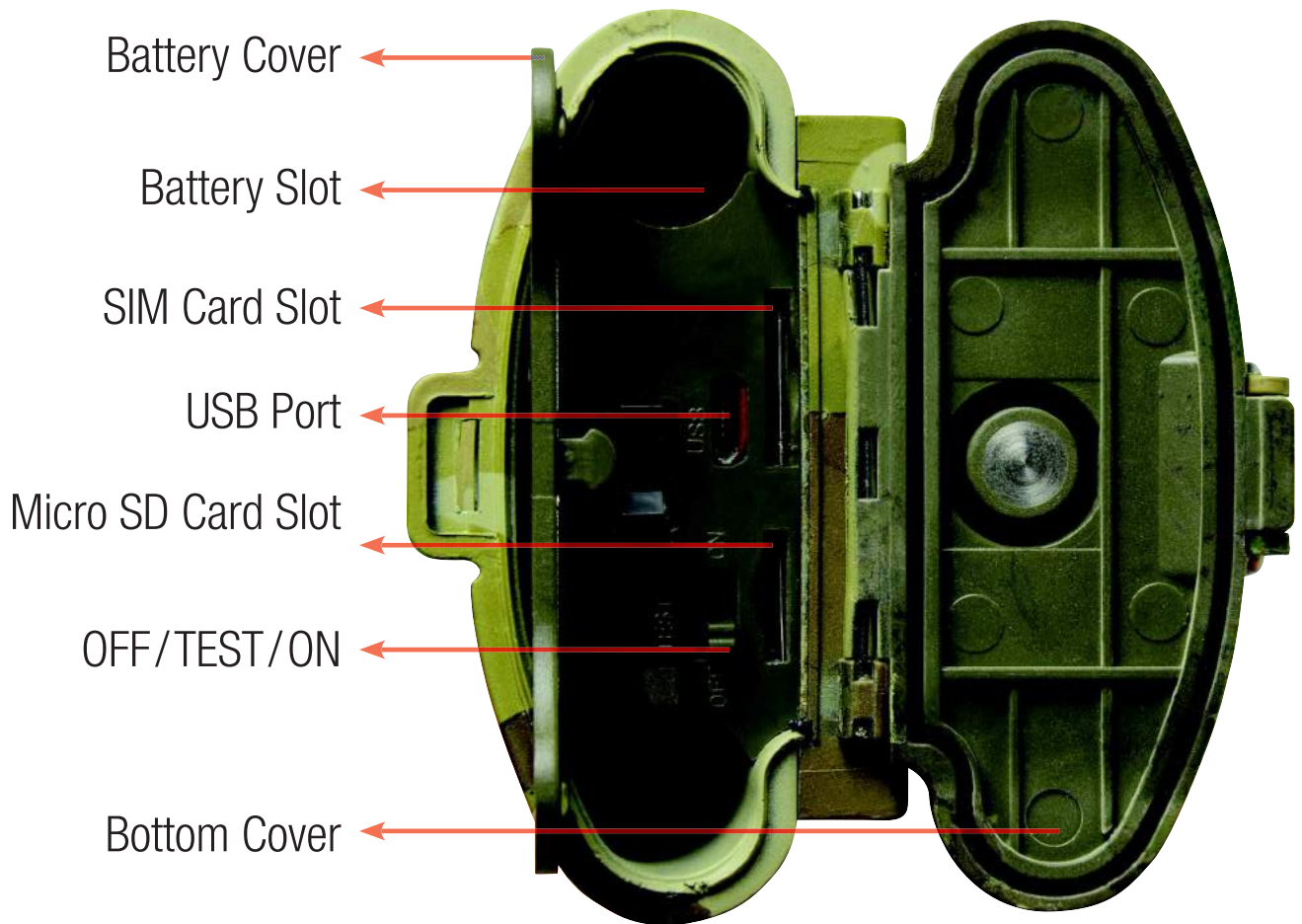
- 1 Built-in 2.0" TFT color screen to review photos and videos on camera
- 2 48 pcs IR LEDs for flash range as 20 meters
- 3 Programmable 8/12/16 Megapixel high-quality resolution
- 4 Color pictures during daylight; black and white at night
- 5 Adjustable PIR sensitivity; HIGH, MID, LOW
- 6 Impressive quick trigger time: 0.5s
- 7 Multi-shot pictures; 1,3,6,9
- 8 Adjustable delay between motions; 1/5/10/30 seconds/minutes
- 9 Adjustable video length: 10/30/60/90 seconds
- 10 With 6pcs AA alkaline batteries, the longest standby time is up to 6 months
- 11 Available operation temperature: -20°C to 60°C
- 12 With specified Timer, camera can be programmed to work only during preset time period every day
- 13 Stamp the date, time, temperature and moon phase on each picture
- 14 Sound Recording
- 15 Supports 3G and 2G SIM card to get real-time photos
- 16 With MMS/SMTP function, camera can transmit photos to 1–4 preset mobile phones or 1–4 email per trigger, in total max. 6 receivers (i.e. 3x MMS + 3x E-Mail / 4x MMS + 2x E-Mail / etc.)
- 17 SMS to enable camera to shoot a photo and send back instantly, ask camera to work or not, get the number of taken picture and battery status

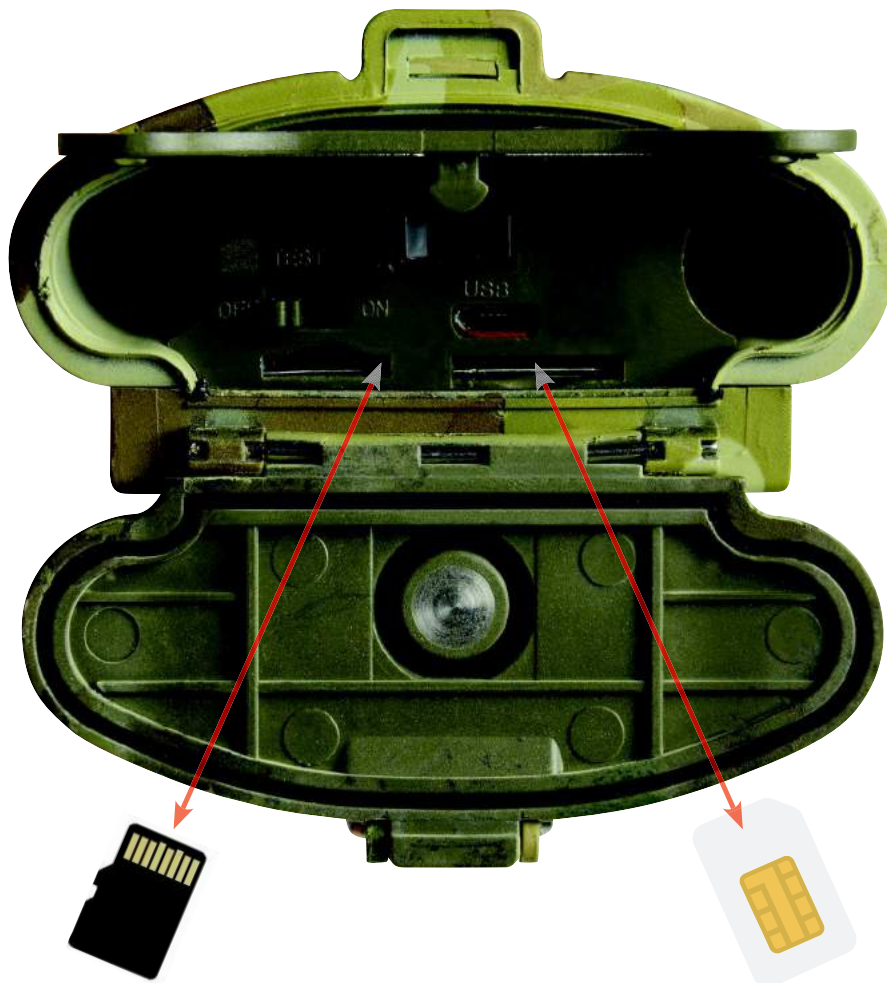
2.1

Front View of Camera



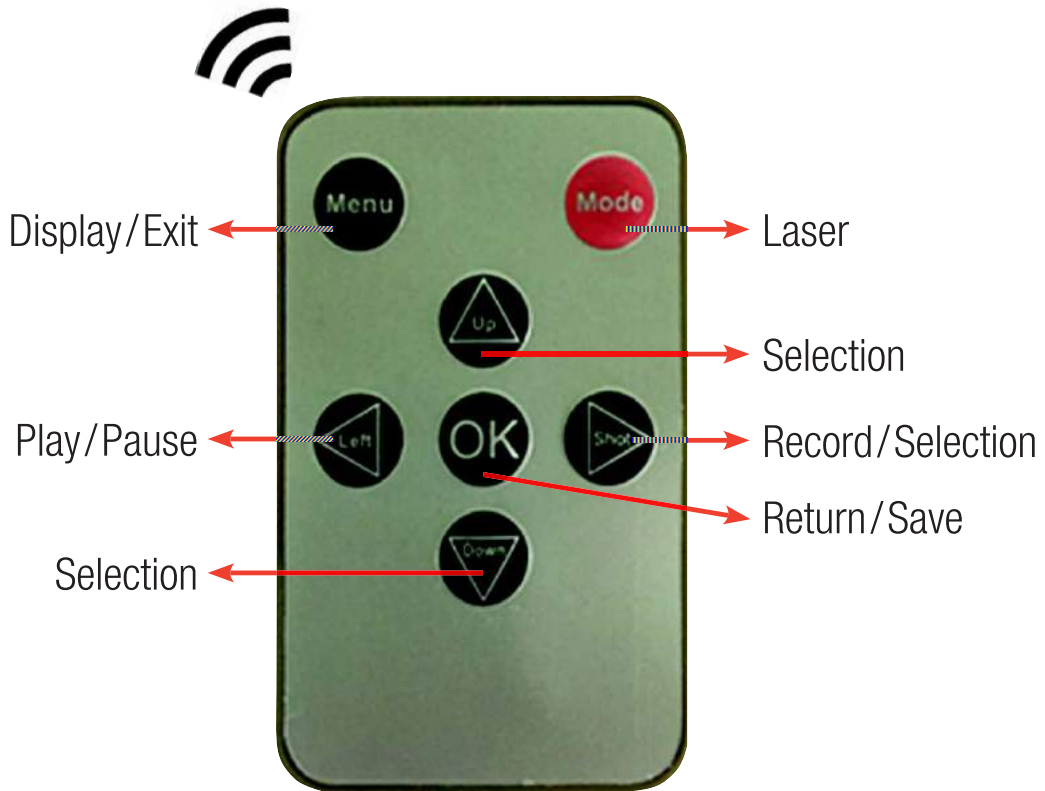






Note: To activate MMS/SMP function, please save setting file „Parameter.dat“ with MMSCONFIG software to your Micro SD Card.

The infrared remoter is an input device of the camera and primarily used for customer settings. Its maximum remote distance is 9 meters.

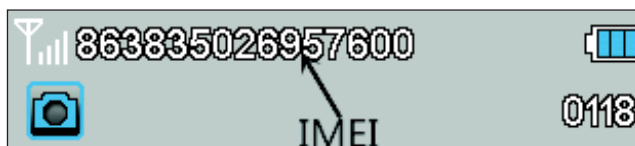


Note: Press the punctuation “Mode” for laser light.

(Under TEST mode) **Note:**

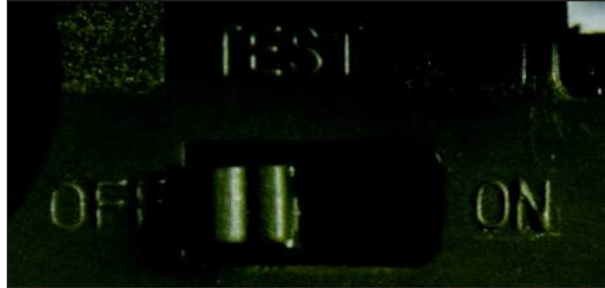
1. Press “Shot” directly, the camera will take picture or video directly.
2. Press “OK” directly, the picture or video recorded can be viewed.
3. Viewing picture, press “Up” or “Down”.
4. Viewing video, press “Left” to start, again to stop, press “OK” to return.
5. Press „Left“ to see your devices IMEI.

(IMEI = International Mobile Equipment Identity: A number to identify GSM/UMTS/LTE mobile phones, as well as some satellite phones. 15-digit serial number with which any GSM or UMTS device can be uniquely identified worldwide. The IMEI should be kept in order to report the device in case of theft to the police as stolen.



Slide Power Switch from OFF to Test(for setting) then to ON position, the camera powers on.

(Please don't slide the power switch from OFF to ON directly.)



3.4.1

TEST (1st way for menu settings)

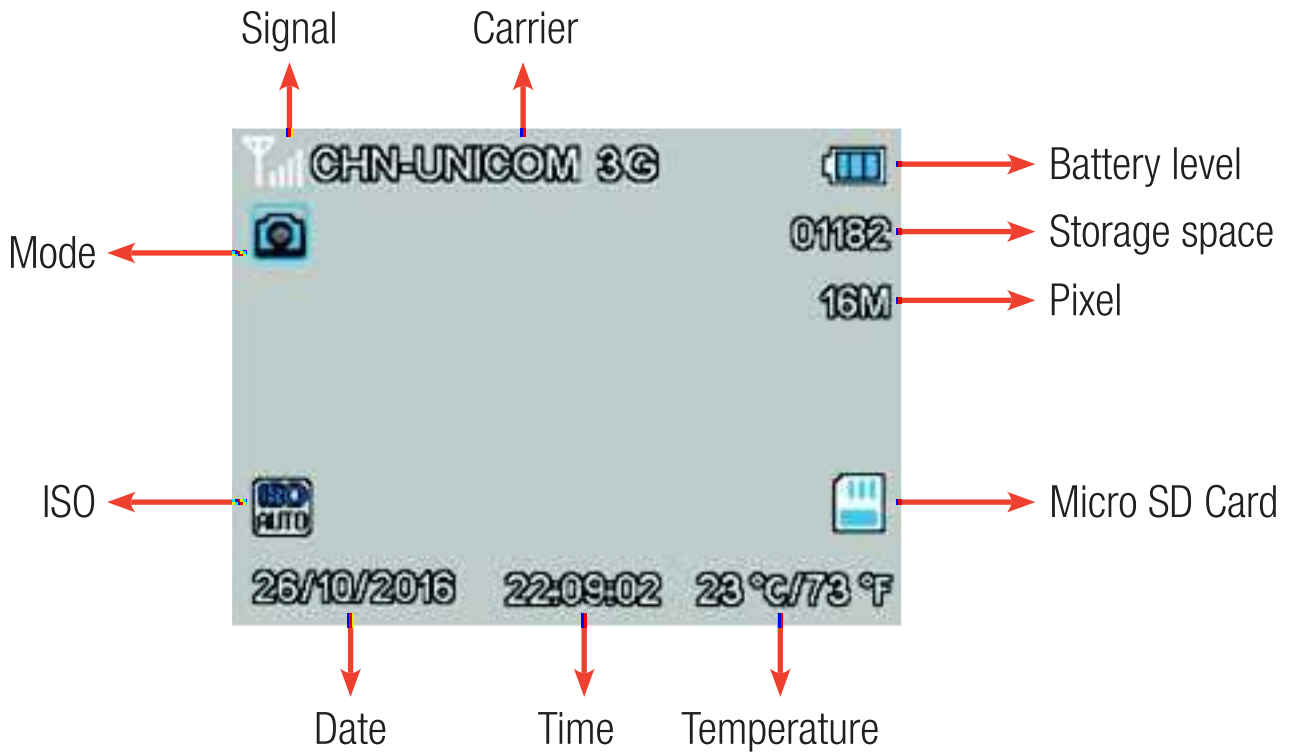
In TEST mode, the screen lights up. User can do the below operations by remoter:

- a) Setting Camera Menu, working mode includes camera, video and system setting
- b) Take picture or video (press Shot)
- c) View picture or video (press OK)

3.4.2

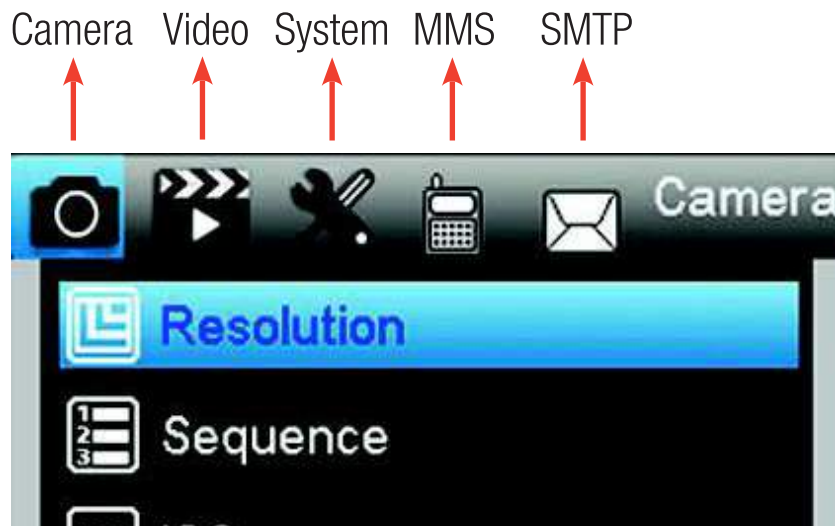
ON

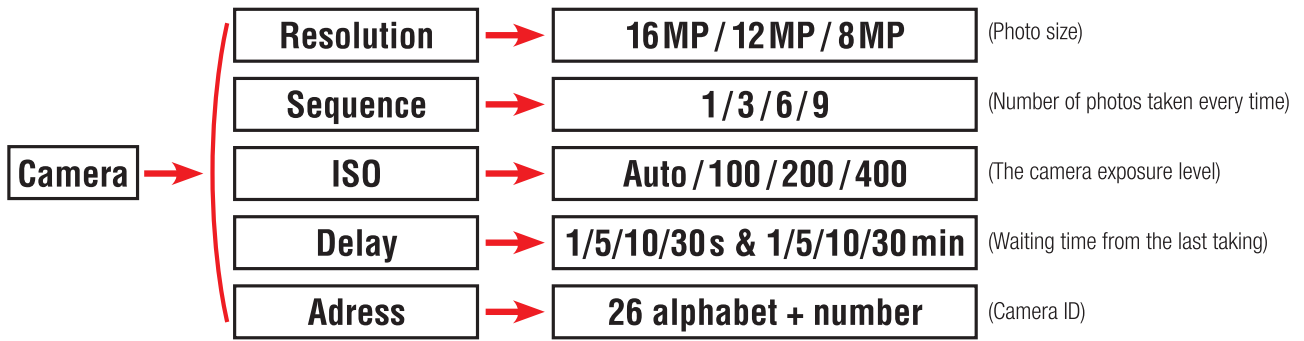
In this mode, the screen lights off and remoter is useless. The camera works automatically. Will capture and send picture out if detected any motions by PIR.



Note: To activate its MMS or SMTP function, the camera first should find signal and SIM card. Please note that the PIN of the SIM card must be deactivated.

There are five parts setting of the camera, user can fix Camera, Video and System menu setting by remoter; MMS menu and SMTP menu setting by software "MMS-CONFIG" from CD.



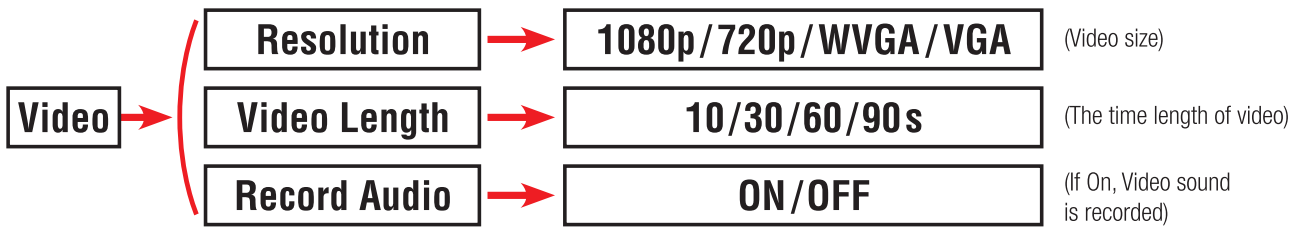


To change 16MP to 8MP Resolution, the remoter operations are:



Note:

1. The mode is Camera, Video, Camera & Video or Time lapse.
2. Delay, Sequence and ISO setting operations are the same.

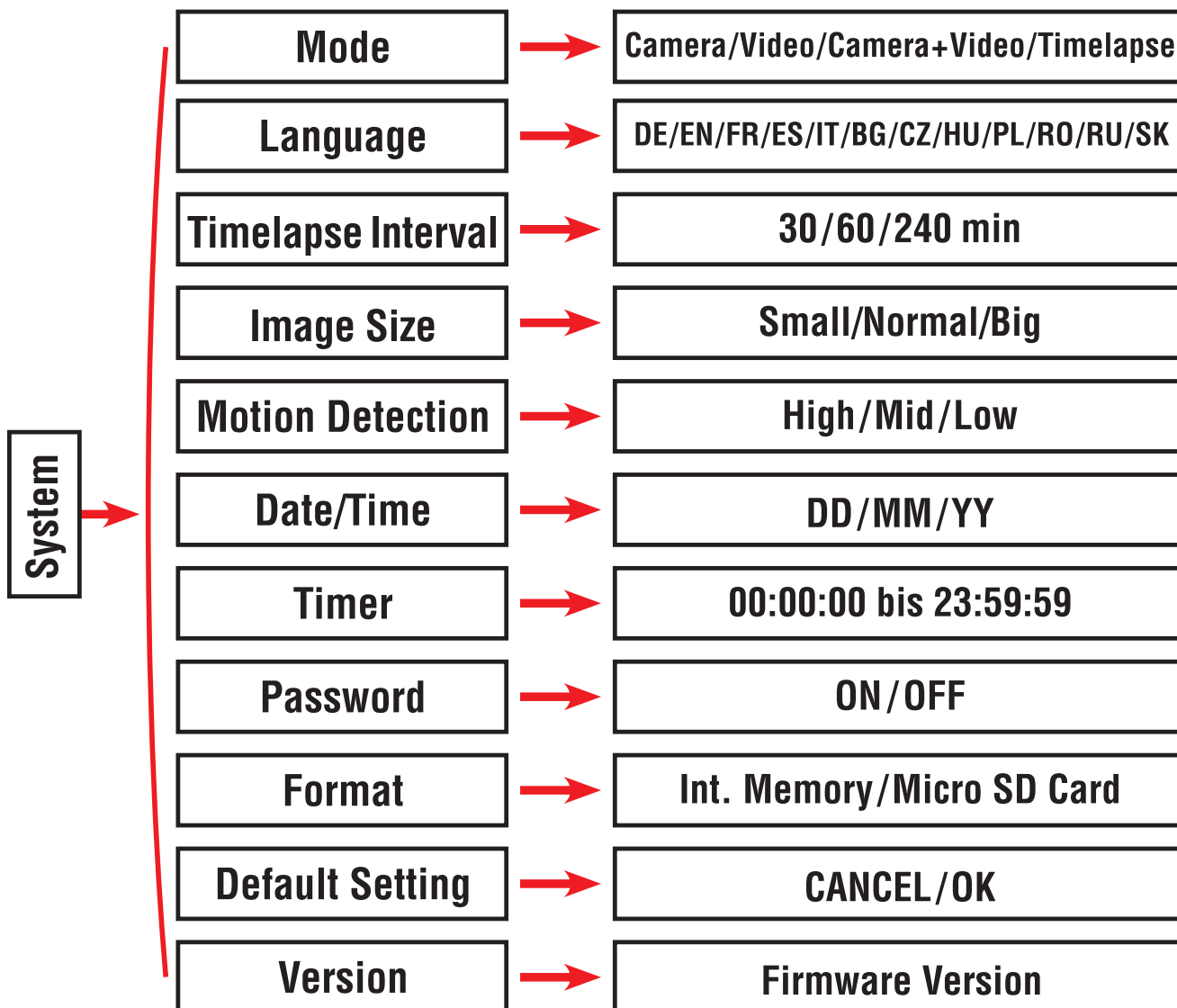


Change 1080P to 720P Resolution, the remoter operations are:



Note:

1. The mode is 1080P video mode.
2. Video length and Voice setting operations are same.



Note: Default Password (**) = 1314**

To change Camera to Video mode, the remoter operations are:



Note:

1. Language, Distance, TV Mode, Format and Default setting operations are same.
2. In Date/Time, Timer and Password setting:
 - a. Press “Up” or “ Down” to select number
 - b. Press “Left” to enter into next menu

Setting	Default
MMS	ON / OFF
Country	Set in MMSCONFIG (Software)
MMS Phone	Set in MMSCONFIG (Software)
MMS E-Mail	Set in MMSCONFIG (Software)

Setting	Default
SMTP	ON / OFF
Country	Set in MMSCONFIG (Software)
SMTP E-Mail	Set in MMSCONFIG (Software)

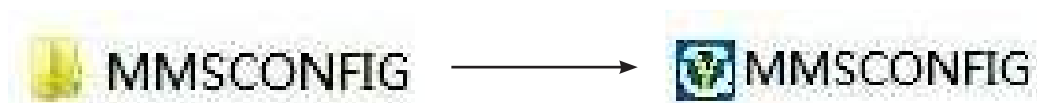
4.1

Load CD into the computer



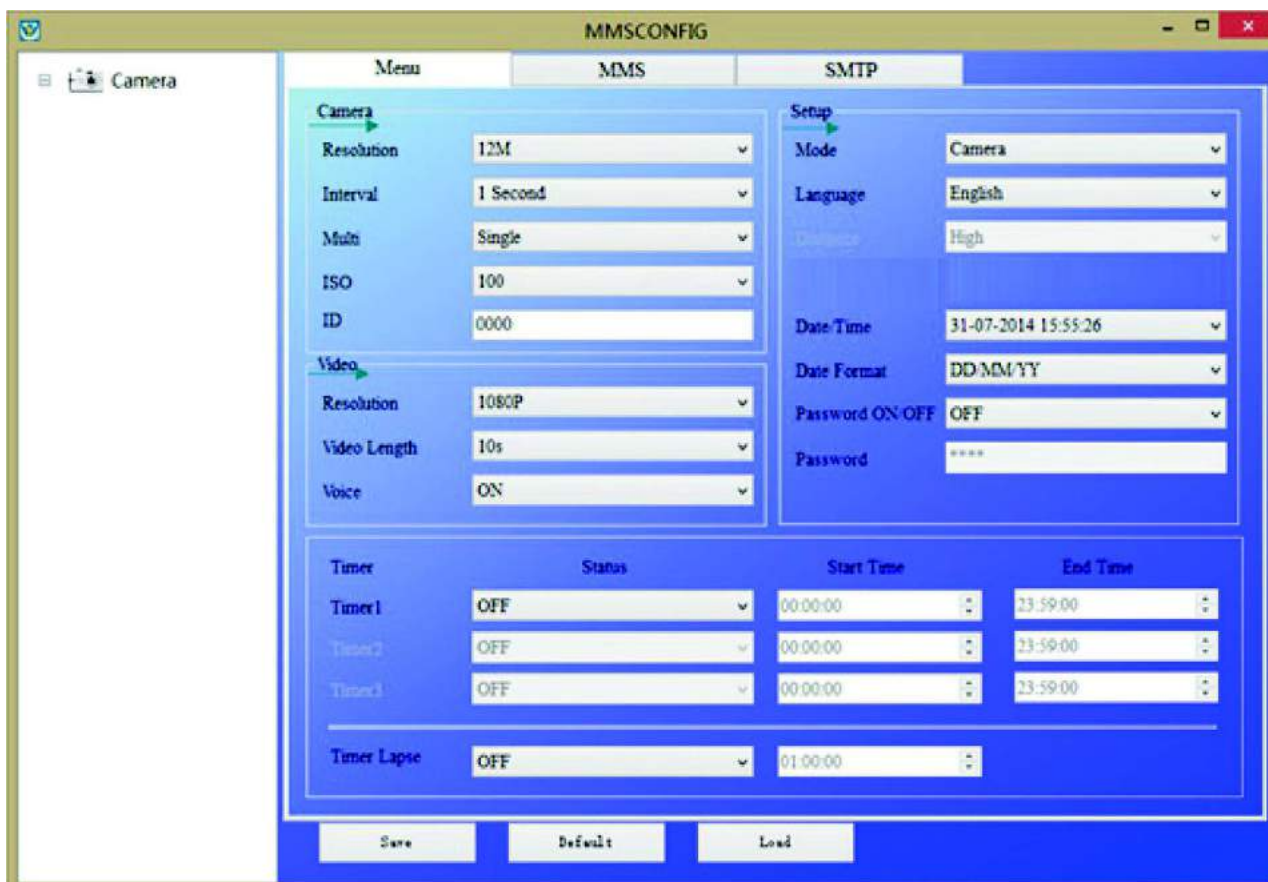
4.2

Click the MMSCONFIG.exe file from MMSCONFIG folder



4.3

Fix Photo, Video and System Menu Setting (2nd way to set the menu)



Note: If you have done the menu setting by remoter (TEST mode) you can skip it.

4.4.1

Auto MMS Mode

In Auto MMS Mode, there is configured information for selection

- a. Choose Country
- b. Choose Operator
- c. Fill in the phone number in the right side blank column as receiver
- d. Fill in the email address for photos receiving

The screenshot shows the MMSCONFIG application window with the following settings:

Menu	MMS	SMTP
Mms Setting		
MMS ON/OFF	ON	
MMS MODE	Auto	
Country	Germany	
Operator	T-Mobile	
Picture No / day	99	
Phone Setting		
Phone1	receiver phone number	
Phone2		
Phone3		
Phone4		
Gprs Setting		
APN	internet.t-mobile	
Account	t-mobile	
Password	tm	
Server Setting		
MMSC	http://mms.t-mobile.de/servlets/mms	
IP	172.028.023.131	
Port	8008	
Email Setting		
Email1	receiver e-mail address	
Email2		
Email3		
Email4		

Buttons at the bottom: Save, Default, Load

4.4.2

Manual MMS Mode

If there is no configured information for selection, please choose Manual MMS Mode.

Firstly, User need to choose manual and contact SIM card carrier to get and fill in the APN, Account, Password, MMSC, IP and Port information.

Secondly, fill in receiver phone number or E-mail address at right side.

The screenshot shows the 'Camera Parameter Setting For Camera' window with the 'MMS' tab selected. The settings are organized into several sections:

- Mms Setting:** MMS ON-OFF (ON), MMS MODE (Manual), Country (Other), Operator (Other).
- Gprs Setting:** APN (contact/ask your carrier), Account, Password.
- Server Setting:** MMSC (contact/ask your carrier), IP, Port.
- Phone Setting:** Phone1 (receiver phone number), Phone2, Phone3, Phone4.
- Email Setting:** Email (receiver e-mail address).

Buttons at the bottom include 'Save', 'Default', and 'Load'.

This way of sending pictures is also called GPRS transmission by users. It's highly welcome now, because the picture is sent from email to email, only charging the flow cost.

4.5.1

Auto SMTP Mode

In Auto SMTP Mode, there is configured information for selection

- a. Choose Country
- b. Choose Operator
- c. Choose Type of email
- d. Add sending email address on the left
- e. Add sending email address password on the left
- f. Add receiving email address on the right

The screenshot shows the MMSCONFIG application window with the following settings:

- Sntp Setting:**
 - SMTP ON/OFF: ON
 - SMTP MODE: Auto
 - Country: Germany
 - Operator: T-Mobile
 - Picture No./day: 99
- Gprs Setting:**
 - APN: internet.t-d1.de
 - Account: internet
 - Password: t-d1
- Server Setting:**
 - Type: Gmail
 - SSL: SSL
 - Server: smtp.gmail.com
 - Port: 465
 - Email: sender e-mail address
 - Password: sender e-mail password
- Email Setting:**
 - Email1: receiver e-mail address
 - Email2:
 - Email3:
 - Email4:

Buttons at the bottom: Save, Default, Load.

4.5.2

Manual SMTP Mode

If there is no configured information for selection, please choose Manual SMTP Mode. Firstly, user need to contact SIM card carrier to get APN, Account, Password information and fill in; contact sending email provider to get server, port information.

- Add sending email address on the left
- Add sending email address password on the left
- Add receiving email address on the right

The screenshot shows the MMSCONFIG application window with the following settings:

- Sntp Setting:**
 - SMTP ON/OFF: ON
 - SMTP MODE: Manual
 - Country: Other
 - Operator: Other
 - Picture No./day: 99
- Gprs Setting:**
 - APN: internet.t-d1.de
 - Account: intern
 - Password: t-d1
- Server Setting:**
 - Type: Gmail
 - SSL: Selected
 - Server: smtp.gmail.com
 - Port: 465
 - Email:
 - Password:
- Email Setting:**
 - Email1: receiver e-mail address
 - Email2:
 - Email3:
 - Email4:

Buttons at the bottom: Save, Default, Load.



Trigger commands by sending codes directly to your BRAUN Scouting Cam:

Code	Function	Meaning
530	Camera Start	Start working
531	Camera Sleep	Stop working
500	Capture	Camera takes a picture, then sends it to configured phone or email
505	Capture and get (MMS mode)	Camera take a picture, then sends it to current phone
520	Get Picture information	Camera sends a text with picture number, SD card capacity, battery level.

This camera is equipped with an automatic upgrade function for you. Upgrading is needed only when an improved firmware is available.

The operations are as following:

- 1 Unzip the update file.
- 2 Copy the FWR801.bin to Micro SD Card.
- 3 Insert the Micro SD Card into the camera.
- 4 Power on the camera (Test Mode).
- 5 The camera will read it and update itself automatically. When updating the camera, its screen is black and the indicator light will flash approx 10s.
- 6 It will come to the menu surface after upgrade successfully.
- 7 Delete the firmware from the Micro SD Card.(If you don't do this, the camera will upgrade every time when power on).
- 8 Insert the Micro SD Card into the camera for its working.

Image Sensor	5 Mega Pixels Color CMOS
Memory	Micro SD Card up to 32GB
Lens	F=3,1;FOV=90°
Size	172 mm x 80 mm x 43,5 mm
TFT Display Screen	2,0 Inch
LED	Black, Invisible 940 nm
PIR Distance	High/Normal/Low
PIR Sensor Sight Angle	120°
Number of IR LED	48 LEDs
max. Night Vision Lighting Distance	65 ft/20 meters
Trigger Speed	0,5 seconds
Triggering Interval	1/5/10/30 sec/min (standard 1 sec)
Selectable Image Resolution	16MP/12MP/8MP
Multiple Photo on one detection	1/3/6/9
Video Resolution	1080P/720P/VGA
File Format	JPEG/AVI
Date/Time Imprint	Yes
Timelapse	Yes
Password Security	4-digits PIN-Code
Frequency Bands	GSM 850/900/1800/1900 MHz
.....	UMTS/HSPA 850/900/1900/2100
Remote Control	SMS
GPRS Transmission	Data transfer by e-mail
MMS to phone	1–4 phone numbers
MMS to e-mail	1–4 e-mail addresses
Stand-by current	0,2 mA
Stand-by time	6 months
Power Supply	6 AA batteries
Water proof	IP54
Security authentication	FCC, CE, RoHS



Scouting Cam



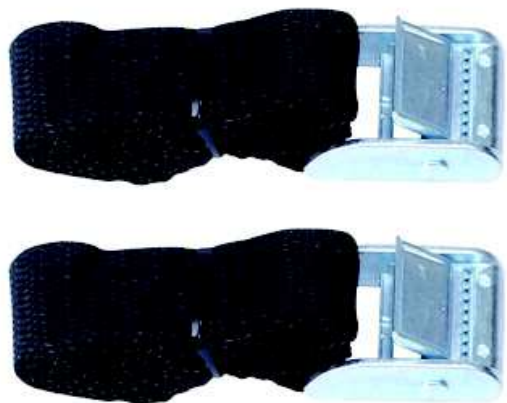
Software CD



Remoter



Micro USB cable



Mounting Strap



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