



CM3-Computer oHG
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84030 Ergolding
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Operating Instructions

Car Key Ring HD Spy Camera

Intended Use

This device is intended to make video recordings with sound, take photographs and exchange data via microSD cards.

Customers are obliged to inform themselves of any applicable, legally binding regulations and requirements in respect of the device before actually using the device. Any unintended use of the device or unauthorised modifications to it absolves CM3-Computer oHG from all obligations in the event of damage.

Package Contents

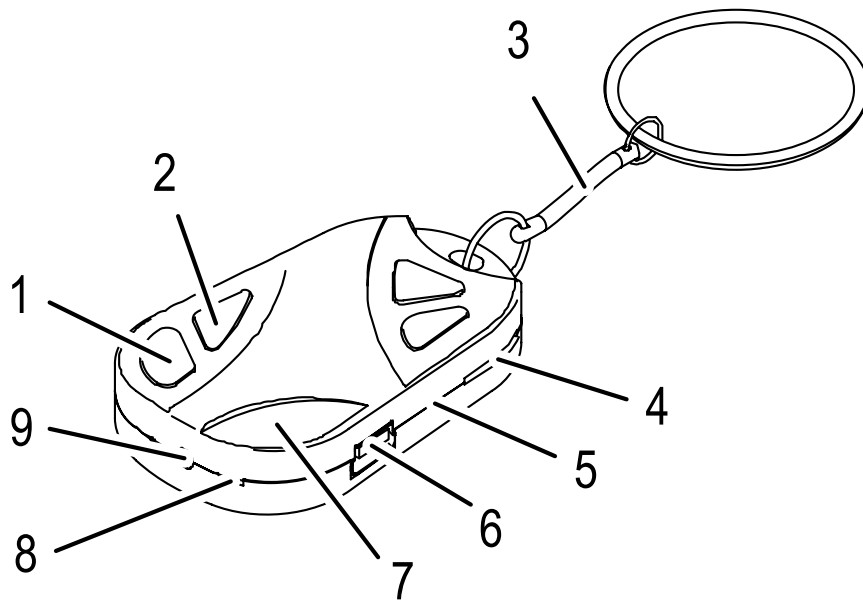
- Car key ring HD spy camera
- USB cable
- Driver CD
- microSD card (option)
- Operating instructions

Please check the package contents are complete. If anything is missing or has been damaged during transport, DO NOT put the device to use! Contact your sales outlet with the purchase receipt to hand.

Important Information

To ensure trouble-free operation, a microSD card must be plugged in.

Operating Elements



1	Function button	6	USB port
2	On/Off button	7	Status LED
3	Ring chain	8	Microphone
4	microSD card slot	9	Camera lens
5	Reset button		

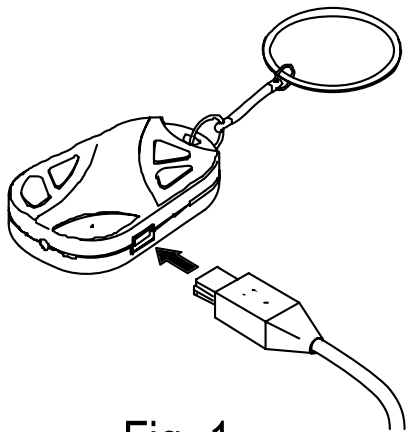


Fig. 1

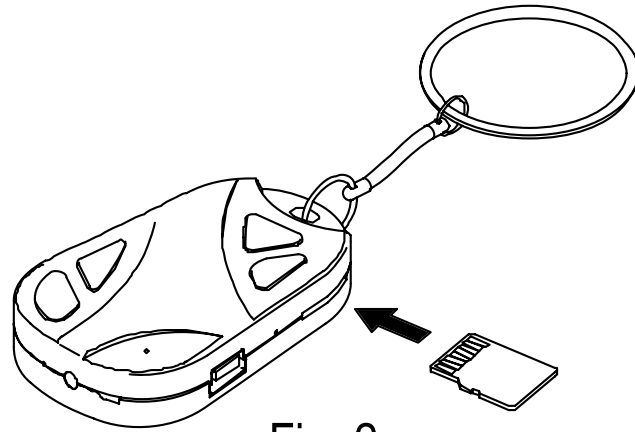


Fig. 2

Charging the Battery



Always charge the battery fully before using the device for the first time.

1. Connect the computer to the device by means of the USB cable (Fig. 1) and charge the device for max. 4 hours.

The yellow Status LED lights up continually during the charging process. The Status LED goes out as soon as the battery is fully charged.



The device is automatically detected by the computer, installed as a removable medium and appears as a drive in the “My Computer” folder.

Inserting the SD Card

1. Insert a suitable microSD card in the card slot provided (Fig. 2). Press the card in until it audibly clicks in place (microSD cards, refer to *Technical Data*).

Switching the Device On

1. Press the On/Off button for approx. 2 - 3 seconds until the Status LED lights up. The device is switched on and ready to operate.

Taking Photos and Recording Videos



Before taking any photos or recording videos, set the date and time on the device because they are then displayed as a time stamp (refer to *Setting the Date and Time*).

Taking Photos

1. Point the Spy Camera towards the subject. Press the Function button briefly when the device is ready to operate. The Status LED goes out. When the Status LED lights up again continuously, the photo has been saved. The device is ready to take the next photo or record a video.

Recording a Video

1. Point the Spy Camera towards the subject. Press the Function button for approx. 3 seconds when the device is ready to operate. The Status LED goes out. Video recording begins immediately.
2. Press the Function button briefly. When the Status LED lights up again continuously, video recording has stopped and the video

has been saved. The device is ready to take the next photo or record a video.

Switching the Device Off

1. When the device is ready to operate, press the On/Off button for approx. 4 - 5 seconds until the Status LED goes out.

Viewing Photos and Video Recordings

- connect the device, with microSD card plugged in, to a computer using the USB cable,

or

- remove the microSD card from the device and use another card reader to read out the data on the microSD card.

Then proceed as with any other removable media in order to view, copy or delete your recordings.

Status LED

Status	Description
Off Status	<ul style="list-style-type: none">- Device is not ready to operate- Battery is fully charged- Video recording in progress
On	<ul style="list-style-type: none">- Device is ready to operate- USB connection exists, battery is being charged- microSD card is full
Flashing	<ul style="list-style-type: none">- Battery must be charged- Data transfer between computer and device

Automatic Deactivation

When the device is ready to operate but it is not operated for one minute, it switches off automatically to save the battery.

Reset

If the device does not work properly, press the Reset button (e.g using a paper clip).

Setting the Date and Time

You need special software to set the date and time. The software and further information is provided on the Driver CD enclosed with the device or download the driver and information from our web site:

<http://www.cm3-computer.com/support-treiber.html>

1. Connect the device to a computer with the microSD card plugged in.
2. Start the software and enter the necessary data. Transfer the data to the device using the software.
3. Disconnect the device from the computer and then switch the device on.

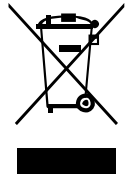
The date and time are updated and are subsequently displayed on all photos and video recordings.

Technical Data

- USB port B
- Photos with 1280 x 1024 pixel (interpolated from 640 x 480)
- Video recordings with 1280 x 960 pixel and 30 frames per second (interpolated from 640 x 480), incl. audio recordings.
- Card reader for microSD cards
- Supports microSD cards up to 16 GB
- Battery: 3.7 V / 280 mAh
- Charging via USB cable

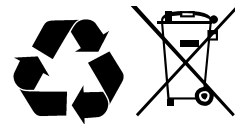
Disposal

In order to dispose of your device, take it to a collection point provided by your local public waste authorities (e.g. recycling centre). According to laws on the disposal of electronic and electrical devices, owners are obliged to dispose of old **electronic and electrical devices** in a separate waste container. The adjacent symbol indicates that the device must not be disposed of in normal domestic waste!



Risks to health and the environment from batteries!

Never open, damage or swallow batteries or allow them to pollute the environment. They could contain toxic and ecologically harmful heavy metals. You are legally obliged to dispose of power packs and batteries at the point of sale or in the corresponding containers provided at collection points by local public waste authorities. Disposal is free of charge. The above symbols indicate that the batteries must not be disposed of in domestic waste and that they must be disposed of at an authorised collection point.



Packaging materials must be disposed of according to local regulations.

Guarantee

The terms of guarantee comply with the legal stipulations. The period for claims under the terms of guarantee is two years. It begins on the date of supply, i.e. the date on which it was handed over to the customer. In the case of a deficiency in respect of the product, the customer has a right to supplementary performance. If the customer is the consumer, he can choose between repair of the defect or supply of a flawless product. We are permitted to refuse the type of supplementary performance selected if it would lead to unreasonable costs and the other type of supplementary performance would be of no significant disadvantage to the customer. If the customer is a contractor, we can choose between repair of the defect or supply of a flawless product. Assuming all legal requirements have been fulfilled, the customer is also entitled to rights of reduction and withdrawal as well as compensation. A manufacturer's guarantee provided by a manufacturer of our products remains unaffected.

CERTIFICATE



CERTIFICATE Of Conformity EC Council Directive 2004/108/EC Electromagnetic Compatibility

Registration No.: AT1009695E

Report No.: 201009755E

Applicant : Hanok Electronic Co., Ltd.
9H, Xinbaohui Building, No. 2061, Nanhai Road, Shenzhen,
China

Product : Car key cam

Identification : **Model No.** : 808, CK201, CK202, CK203, CK204
Trade Mark : HANOK, CM3
Rating : 3.7V ---

Test Standards : EN 55022: 2006+A1: 2007
EN 55024: 1998+A1: 2001+A2: 2003

The certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex III of Council Directive 2004/108/EC, in its latest amended version, referred to EMC Directive. The certificate does not imply assessment of the production and does not permit the use of Lab's logo. The applicant of the certificate is authorized to use this certificate in connection with EC declaration of conformity to Article 10.1 of the Directive.



Oct. 13, 2010
Date

Certified by

Daniel Zhu
Chief Executives



The CE Marking may only be used if all relevant and effective EC Directives are complied with



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