

KAISER BAAS[®]



X80



Action Camera User Guide



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Safety Precautions

Before using the X80 camera please ensure you read and understand the safety precautions.

Do not attempt to open the case of the camera or modify it in any way. If the camera has been opened the warranty will be void. Maintenance and repairs can only be performed by Kaiser Baas.

Keep the camera away from water and other liquids (unless used in the waterproof case). Do not handle the X80 camera with wet hands (unless used in the waterproof case). This may cause the camera to malfunction.

Recharge the battery using the micro USB connector (5V/XXXA). Any variation to voltage or current will cause the camera to fail.

The X80 camera should not be used in heat exceeding 99°C (159°F). DO NOT drop the X80 camera.

Avoid placing heavy objects on the X80 camera.

Do not dispose of this unit in domestic waste.

If you have any questions please contact us at www.kaiserbaas.com/support (Chat Now).

What's in the Box

Please ensure the product package has the following contents:

A X80 Camera

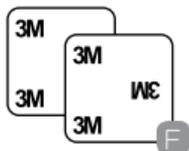
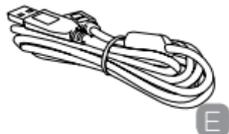
D Curved Mount

B Waterproof case

E USB Cable

C Screw Bolt

F 2 x Adhesive Pads



Product Diagram

- A SHOOT(menu select)
- B POWER (and menu)
- C LCD screen
- D Micro SD card port
- E Mini HDMI interface
- F LED power indicator
- G USB interface



Product Diagram



Setup Your X80 Camera

Turn the camera on – press and hold the POWER button for several seconds.

When the camera is on the X80 logo will appear on the screen and the three red LED lights will glow red. The camera is now in video mode.

X80 Logo on screen



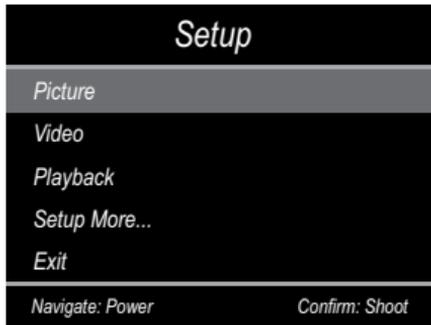
Red LED light



Setup menu

To enter the SETUP screen press the POWER button (press and release immediately - if it is held too long the camera will switch off).

This menu will appear on the screen.



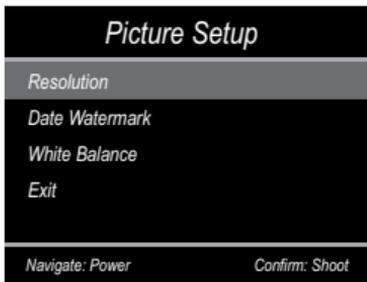
Note:
Use POWER button
to navigate.
Use SHOOT button
to select.

Picture mode

Navigate menu to set Resolution, Date Watermark, White Balance

Notes:

- Resolution: the higher the resolution the larger the file size.
- White Balance: factory default is Auto. If you switch Auto OFF remember to adjust when lighting conditions change.
- Date Watermark: if selected, the date will appear on the bottom left corner of the screen.

**Note:**

Use **POWER** button to navigate.

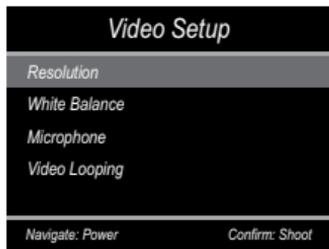
Use **SHOOT** button to select.

Video mode

Navigate menu to set Resolution, White Balance, Microphone and Video Looping.

Notes:

- Resolution: 1080p @ 30fps, 720p @ 60fps and VGA @ 120fps are supported
- White Balance: factory default is Auto. If you switch Auto OFF, remember to adjust when lighting conditions change.
- Microphone: SELECT ON to record audio, SELECT OFF for video only.
- Video Looping: if OFF, the camera will record files up to 20min long before starting a new file. In this mode, the X80 will continue to record this way until the memory is full. If 2min or 5min are selected the camera will record files either 2min or 5min long. The camera will record a series of consecutive files.



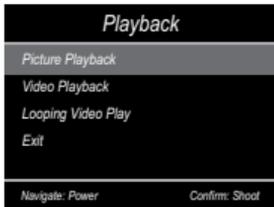
Note:
Use **POWER** button to navigate.
Use **SHOOT** button to select.

Playback mode

Navigate menu to set Picture Playback, Video Playback and Looping Video Play.

Notes:

- Selecting one of the file types, (Picture, video and Looping Video Play) will show the recorded files on the card appearing in a list. Note the files that are recorded sequentially.
- Scroll, using the POWER button, and select the file to display using the SHOOT button.



Note:
Use **POWER** button to navigate.
Use **SHOOT** button to select.

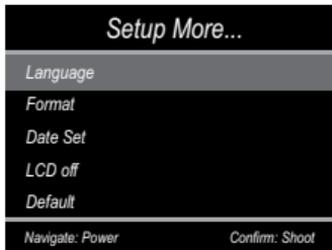
- The chosen file will be displayed on the screen. highlighted in yellow.
- To exit file preview press the SHOOT button for 2 sec then release. This will take you back to file list. To DELETE a file, press SHOOT button for 5 sec then release. Then choose either DELETE ALL FILES or DELETE the highlighted file.
- To exit Playback menu, press SHOOT button for 2 sec then release.

Setup: more

Navigate menu to set Language, Format, Date Set, LCD off, Default, Capture Inversion, Version, Video / Picture mode Light Freq.

Notes:

- Language: English and Chinese.
- Format: this is to format the card. Choosing to format the card will permanently erase all data on the card.

**Note:**

Use **POWER** button to navigate.
Use **SHOOT** button to select.

- **Date Set:** the date is entered in Year/Month/Day format. Time is based on a 24hr clock.
- **Language:** English and Chinese.
- **Format:** this is to format the card. Choosing to format the card will permanently erase all data on the card.
- **LCD Off:** select 1min, 5min or Always ON. This will determine if the LCD will turn off after 1min, 5min or always on
- **Default:** will reset to factory default.
- **Capture Inversion:** turning Capture Inversion ON will rotate the image in the view finder 180°.
- **Video/Picture Mode:** select if you want to operate the camera in picture mode or video capture mode. (also see USING YOUR X80 CAMERA)

- Light Freq: selecting the correct light frequency will avoid the possibility for strobing*.
- *the flickering effect you might see on LCD screens, depending on ambient light
- Once setup is complete, select exit to return to camera mode.

Using Your X80 Camera

Preparation

Charging the battery

Before using the X80 camera for the first time you should fully charge the battery.

Procedure:

1. Connect X80 camera to a computer (or other USB power source) using the USB cable (provided)
2. The red lights on the X80 camera (3 lights) will blink until the battery is fully charged.
3. A completely flat battery will take about 3 hours to be fully charged.

Insert the Micro SD*

- It is recommended to use Class 4 (or higher) TF card to shoot smooth video files. Lower class cards may cause the video to blur or be jerky.
- * Micro SD cards are also called TF cards.
- There is only one correct direction to insert the Micro SD (TF) card into the slot. Do not force the card into the card slot, as it may damage both the camera and the card.
- It is recommended to format new cards or cards that have been previously used in other cameras. To format the Micro SD card:
- From preview mode press POWER button once to enter the menu
- Select: Setup more > Format > Format
- Note: formatting the card will permanently delete the contents.

Insert X80 Camera in waterproof case

- The X80 camera is designed to be used in the waterproof case (B). Before inserting the X80 camera in the case, select video or picture mode.
- When the camera is turned on it will default to the mode in which it was last used. To change mode hold the SHOOT button for 2 seconds then release.

Notes:

1. Ensure the case is dry and clean
2. Insert X80 camera, ensuring the lens fits neatly in the lens cavity.
3. Close the security latch.
4. The X80 camera can be mounted using the accessories provided or you can select more options at www.kaiserbaas.com

Sports footage

1. Turn the camera ON by holding the POWER button for several seconds. When powered, all three LEDs will light up. The camera automatically defaults to video mode when switched on.
2. Make sure the camera is in the right mode before you start (Video or Picture mode).
3. To record video, press the shoot button once to start and press the shoot button again to stop. Depending on how you have set the Looping Video settings, the X80 camera will record sequential video files. The X80 will automatically save footage files to the Micro SD card in a file titled VIDEO.

Still photography

1. Turn the camera ON by holding the POWER button for several seconds. When powered, all three LEDs will light up. The camera automatically defaults to video mode when switched on.
2. To change from Video mode to Picture mode, press the SHOOT button for 2 seconds then release. You will see a small green camera icon in the top left corner of the screen.
3. Take photographs by pressing SHOOT. The X80 will automatically save images to the Micro SD card in a file titled PHOTO.

Auto-saving

The X80 will automatically turn off and save files if:

1. The disk space is full
2. The camera is turned off directly
3. The battery runs flat
4. The user swaps the Micro SD card over while the camera is still operating

Saving and viewing options

Transferring files to PC

Use the USB cable supplied (C) to connect the X80 to your computer. The X80 LCD will display a USB icon and your computer will see the camera as an external storage device. Alternatively you can remove the Micro SD card and use a card reader (not included) to achieve the same result.

Select the file(s) you want to transfer to your computer by highlighting them.

Either drag the files to the desired place on your computer (this will make a copy of the file on your computer) OR right-click the file, select 'Copy' and right-click in the desired place in your computer and select 'Paste'.

NOTE: you can also transfer entire folders of pictures or videos to your computer by following the same process - drag, or copy and paste the entire folder.

Playback on TV

You can play your video and pictures back on TV using a HDMI cable (not included).

1. Connect the camera to the TV via an HDMI cable (not included).
2. Turn the X80 ON.
3. a. View video files: Menu > Playback > Video playback.
b. View picture files: Menu > Playback > Picture playback.
4. Exit Playback mode: press and hold SHOOT for 2 seconds then release.
5. To delete picture files: with the file displayed, press and hold SHOOT for 5 seconds then release. You can delete one or several files at a time.

FAQ

Q. Why are the red LEDs flickering?

A. The battery is running low. You must recharge the camera.

Q. My X80 camera will NOT turn on. Why?

A. The battery is flat. You need to recharge it (full recharge from flat will take about 5 hours).

Q. I cannot power the X80 camera/switch it on. Why?

A. Hold SHOOT button for 11seconds to reset the X80 camera. After a reset all settings will go back to factory default.

Q. Why does my camera automatically turn off?

A. Either the SD card is full or the battery is running low.

Q. Videos and pictures are blurred. Why?

A. The lens may be dirty. Clean the lens.

Q. My X80 camera cannot be seen by my computer.
Why?

A. Try a different USB cable or different USB port.

NOTE: If the camera is frozen you can press and hold the SHOOT button for 11 seconds, the camera will reset.

SPECIFICATIONS

Underwater	Down to 30m (with waterproof casing)
Sensor	1/2.5" 5.0 megapixels CMOS sensor
Resolution	Video: 1080P@30fps
	Still photo: 5 megapixel (12 megapixel interpolated)
Storage type	Micro SD card up to 32GB (not included)
Lens	120°-view fixed lens
Lens aperture	F/2.8 f=3.1mm
Lens Focus	0.5m to infinity
Shutter speed	1/30 to 1/2000 sec
Video Looping	0 secs, every 2mins, every 5 mins
Sensitivity	Automatic ISO 100-200
Microphone	Inbuilt
Display	2" TFT LCD

Format	Video: MP4 H.264
	Still photo: JPEG
Power supply	3.7V/900mAh Li-Battery
Battery life	Video: 2.5 hours
Language	English
Dimensions	53x34x52mm
Casing	40x75x65mm

System Requirements

Operating system	Windows XP / Vista / 7 / 8 / MAC OS
RAM	128MB
Interface	HDMI (HDMI cable not included)
	High speed USB 2.0
Language	English

CONTACT US

Need further assistance? Please visit:
www.kaiserbaas.com/support

Or email:

helpdesk@kaiserbaas.com

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CHALLENGE

YOURSELF