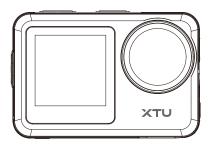
X1 Action Camera

User Manual





Ultra 4K Action Camera

Dual Color Screen Display



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IMPORTANT NOTE

Congratulations on purchasing one of the best action cameras on the market! We appreciate your business and want to earn your trust. Please refer to the notes below and follow the instructions in this manual to ensure that you use the action camera correctly and have a good experience with this product.

If your camera does not seem to be functioning properly or if you are having photo/video quality issues, please check the Troubleshooting/FAQ section. You also can contact our support team: support@xtucam.com

Problems are often due to something simple that was overlooked, or require only changing one setting to solve.

This action camera is required to use a TF high speed card (multimedia memory card) of Class 10 or UHS.

It's better to use UHS-3 TF card.

MEMORY CARD INSTRUCTIONS

- · When the memory card is first used, please format it before using if the memory card has the data or other images that the camera can't identify.
- · Please turn off the camera before inserting or removing the memory card.
- If the memory card performance degradation, need to buy a new memory card. Please know that using the memory card multiple times will degrade its performance. The memory card is a precision electronic device.
- Do not bend the memory card and avoid falling or being stressed.
- Do not place the memory card in a strong electric or magnetic environment, such as near a speaker or television receiver.
- Do not use or leave the memory card in an overheated or under-cooled environment.
- · Keep the memory card clean and avoid touching any liquid. If the memory card is touching the liquid, wipe it dry with a soft cloth.

- · When the memory card is not in use, place it in the card sleeve.
- · Do not use the memory card with other digital cameras. If you want to use a different memory card with your camera, format it first.
- · Do not use a memory card formatted on another digital video camera or card reader.
- · If the memory card is in one of the following conditions, the recorded data may be damaged:
- The memory card is not used properly.
- When recording, deleting (formatting) or reading, the power is turned off or the memory card is removed.
- Please note that the memory card will get hot after prolonged use, This situation is completely normal.

PACKAGE CONTENTS



Action Camera



Battery



Remote Control Watch



Waterproof Case



Bicycle Mount



Waterproof Case Mount



Long Thumbscrew



Short Thumbscrew



Extension Mount



Adapter 1



J-Base



Bandage



USB Cable



Sponge Cover



Adhesive Pads



Helmet Base



Adapter 2



Dust-proof Cover



Lens Protector



External Microphone



User Manual



Wiping Rag

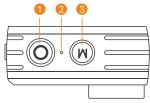


Release Buckles



Insurance Tether Strap

BUTTON INSTRUCTIONS



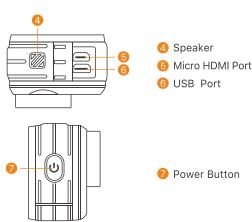
Shutter Button

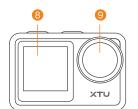
ΕN

- Microphone
- Mode Button

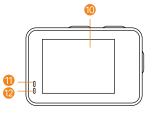
TIPS:

Press and hold Mode Button for 3 secs to switch between Front Screen and Touch Screen.

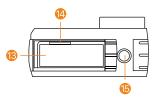




- 8 Front Screen
- 9 Lens



- 10 Touch Screen
- ChargingStatus Light
 - Working
 Status Light



- Battery
- Micro SD Card Slot
- 1/4 Screw Hole

WATERPROOF CASE OPEN & CLOSE

A. How to open the waterproof Case correctly



- 1 Pull up the buckle of waterproof case.
- 2 Open the back cover of the waterproof case.

B. How to close the waterproof Case correctly



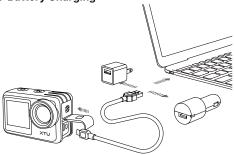


- ① Compress the back cover of the waterproof case as arrow 1 shows:
- Please pull down the buckle, and connect it to the back cover as arrow 2 shows.
- Oull down the buckle of the waterproof case as arrow 3 shows.

BATTERY CHARGING AND INSTALLATION

The battery and the camera are packaged separately, so please make sure that the battery is charged with power, inserted into the camera before turning the camera on.

A. Battery Charging

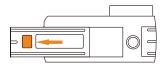


- Connect the charger with USB cable, you can charge it with power plug or computer. Charging with computer may be slower than with a power adapter due to lower power output of computer USB ports.
- When the camera is charging, the red light will appear.
 It will disappear if the battery is fully charged.

TIPS: Normal full charging time is about 3 hours. Do not overcharge the battery.

B. Battery Installation

1. Hold down the Latch Release button on the battery door, then slide the door open.



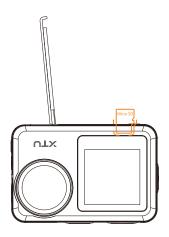
2. Insert the battery, then pull down the door and slide it close.



TIPS: Please note the direction of the battery and battery cover.

SD CARD INSERTION AND FORMATTING

A. SD Card Insertion and Out



- Find the Micro SD card slot in the camera, and insert the card into the camera as the direction mark shows and push inside.
- SD card out: Press down the SD card until you've heard a insertion sound; Then the SD card will pop out along with a pop sound.

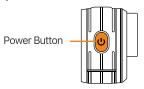
B. SD Card Formatting



- 1 Insert the SD card in the state of turning off and then turn on the camera
- 2 Tap Settings mark and swipe down to find the setting Format SD
- 3 Tap it and Confirm to complete the format.
- The camera supports Class 10 UHS-U3 or above, 64GB to 256GB, please ensure the quality of SD card.
 - You must format the SD card on the camera before using.
 - If your SD card isn't compatible with the camera, it will pop up "SD Card Unavailable, Please Format" when you turn on the camera. It will also pop up "Please Format SD Card" when you press any button.

OPERATION INSTRUCTIONS

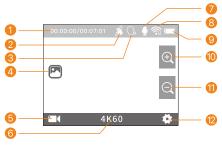
TURN ON/OFF



Extended press Power Button: Turn on the camera. Extended press Power Button: Turn off the camera.

MAIN INTERFACE INSTRUCTION

This screen gives you total access to your camera's settings and provides information about your camera. The settings shown vary by mode.



- 1 Recording Time/Photos Remaining
- Anti-shake On
- O Voice Control On
- 4 Video/Photo File
- 6 Current Mode
- 6 Current Mode Settings

- 7 Microphone On
- 8 WiFi Signal
- Battery Statu
- 10 Zoom
- 1 Zoom Out
- System Settings

USING THE TOUCH SCREEN

Tap: Selects an item, turns a setting on or off.



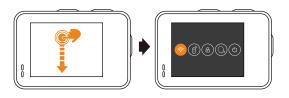
Swipe Left: Enter current mode settings.



Swipe Right: See all video/photo files.



Swipe Down: Turn on/off the Wi-Fi/Remote Control/Voice Control/Camera Power, or Lock the Screen.



Wi-Fi On/Off

- Noice Control On/Off
- Remote Control On/Off
- O Power Off
- ♠ Lock the Screen

Swipe Up: Choose a video/photo mode from the list.



WI-FI/COMPUTER / TV CONNECTING

WI-FI CONNECTION

Connect to the Wi-Fi

The Wi-Fi Application allows you to control your camera remotely on a smartphone or tablet. You can view the video or pictures on your phone, and download the recordings. The connecting steps are as following:

Step 1: Download the XTU GO app in Google Play or Apple App Store on your smart phone or tablet.



Android



ios

- Step 2: Swipe down on the screen with your finger after powering the camera on to find the Wi-Fi mark. Choose it and it will show the Wi-Fi name and password.
- Step 3: Find and connect the Wi-Fi in the Wi-Fi list on your phone with the Wi-Fi name and password displayed on the camera.
- Step 4: Open the XTU GO app on your smart phone or tablet after the Wi-Fi is connected, you' Il find the camera is controlled by your phone.

TIPS:

- The camera can only connect to one device at a time.
- The Wi-Fi connection is a little bit power-consuming, so please avoidconnecting Wi-Fi when the battery power is low.
- The original Wi-Fi password is 12345678. If you want to change it, go into Settings - WiFi - WiFi Password to set a new password.
- When the WiFi is connected, some functions and settings on the camera are temporarily unavailable.

Following are the available functions and settings:

- 1. Swipe down on touch screen to access Shortcut menu.
- 2. Swipe up on touch screen or press Power Button to switch capturing modes.
- 3. Press Mode Button to access current mode settings.
- 4. Press Shutter Button to take a photo or record video.





2. Get Wi-Fi Information







The XTU GO App is compatible with smart phone and tablet listed below:

1 For Apple IOS

IOS 8.0 system or above devices, compatible with iPhone and iPad

2 For Android

Android 5.0 system or above devices

COMPUTER CONNECTING

There are three options when you use the included micro-USB cable to connect to a computer: MSDC, PC CAM and Charging mode. The camera can't capture photos or videos as an action camera while it is connected to the computer.

MSDC

· Access to the files stored in camera's micro SD card to copy or view them on a computer. Connect the camera to the computer with the included USB cable, you will find the video and photo files on your computer. (Please keep the camera on, the camera will be turned off if you have turned on the setting Auto Power Off.)

PC CAM

Connect the camera to the computer with the included USB cable, it will pop up "Short Press OK Key switch to PC Camera". Press the Shutter Button once, the camera will be switched to PC Camera mode. (When the action camera is used as a webcam, it only supports video but no audio.)

Charging mode

• The included USB cable can be used as a charging cable. It is recommended to use a charger adapter if you want the camera fully charged faster.

TV CONNECTING

With HDMI output, you can display the movies and images recorded by this camera on large screens of TV, projector, etc. But the action camera can't capture photos or videos while it is HDMI outputting.

- Turn off the camera.
- 2 Connect the camera and TV with a commercially available Micro HDMI cable (NOT INCLUDED).
- 3 Turn on the camera and turn on the HDMI setting on the device which you intended to input.

TIPS:

- The HDMI input device should support 1080P.
- When outputting HDMI, the display of the camera turns black. The screen is displayed on the HDMI input device, but the operation is operated with the camera.
- The camera is in capturing mode at first, press Shutter Button or swipe right on touch screen to view all the video/photo files.
- Press Mode Button or swipe left and right on touch screen to switch between different photos and videos.
- Press Shutter Button to choose a photo/video or play a video.
- Press Power Button to turn back to the previous interface.

SETTING INSTRUCTIONS

A. Video Settings



Audio

- · On/OFF
- · Choose On to record audio in your video. The default setting is On.

Compression

· Standard/High

Resolution

• **16:9 Resolution:** 4K 60/30FPS, 2.7K 60/30FPS, 1080P 120/60/30FPS, 720P 240/120/60/30FPS

 4:3 Resolution: 4K 30FPS, 2.7K 30FPS, 1440P 60/30FPS, 960 P60/30FPS

Shutter

FΝ

· Auto,1/60Sec,1/120Sec,1/240Sec,1/500Sec,1/1000Sec

Time Lapse

- · 1/2Sec, 1Sec, 2Sec, 5Sec, 10Sec, 30Sec, 60Sec
- · When you turn on Lapse Video mode, the video recorded will be compressed according to the time interval you set. Use this chart to determine the length of your videos. For example, recording for 10 minutes with a 0.5-second interval will give you 20 seconds of time

interval	recording	video length
0.5 sec	10 min	20 sec
1 sec	10 min	10 sec
2 sec	20 min	10 sec
5 sec	100 min	20 sec
10 sec	100 min	10 sec
30 sec	5 h	20 sec
60 sec	5 h	10 sec

Loop Time

- · 3Min/5Min/10Min
- · When you turn on Car Looping mode, the video recorded will be segmented at the time you set.

Video Segment

- · Auto/1Min/3Min
- · When you turn on Normal Video mode, the video recorded will be divided into several videos according to the time length you set. For example, you record a video for 3 minutes, it will be divided into three 1-minute videos when the setting 1Min is on.

Video Duration

- · 15Sec/20Sec/25Sec/30Sec
- When you turn on Quick Stories mode, the camera will record a short video according to the time length you set.

VedioEncode

· H.264/H.265

Water Area

- · Seawater/Freshwater
- · When you turn on Under Water mode, you can change this setting according to the water area you are in.

B. Photo Settings



Resolution

20MP/16MP/12MP/8MP/5MP/3MP

HDR

- · ON/OFF
- Takes and combines multiple photos into a single shot that brings out the details in scenes that mix bright light and shadows.

Shutter

Auto/1Sec/2Sec/5Sec/10Sec/20Sec/30Sec

Self-Timer

- 3 Sec/5 Sec/10 Sec/30 Sec
- · After you press Shutter Button, the camera will take a photo in the time length you set.

Time Lapse

- · 1 Sec/2 Sec/5 Sec/10 Sec/30 Sec/60 Sec
- · After you press Shutter Button, the camera will take photos at every 1 Sec/2 Sec/5 Sec/10 Sec/30 Sec/60 Sec till you press the Shutter Button again.

Burst Number

- · 3 Photos/5 Photos/10 Photos/15 Photos
- Capture fast-action scenes with one of these high-speed settings. 10/15 photos in 1,2, or 3 seconds. 5 photos in 1 second. 3 photos in 1 second.

C. General Settings (Video & Photo)

LDC

- · ON/OFF
- · Correct the distortion when the photo is taken.

Meter Mode

· Center Metering/Average Metering/Spot Metering

Exposure

- · -2/-1.5/-1/-0.5/0/+0.5/+1/+1.5/+2
- · Adjust the exposure value when shooting, to make the brightness of the photo more realistic. Higher values result in brighter images.

ISO

· Auto/ISO100/ISO200/ISO400/ISO800/ISO1600/I-SO3200/ISO6400

ISO refers to the light sensitivity of either the film or imaging sensor. Beyond simply changing the exposure, ISO also affects image quality. A higher ISO typically translates to a noisy or "grainy" image.

AWB

· Auto/Daylight/Cloudy/Tungsten/FLUOR-L/FLUOR-H By adjusting this setting, the camera can correct the color of photos taken under different lighting conditions.

Sharpness

- · High/Medium/Low
- · Sharpness controls the quality of details captured in your video footage or photos.

Filter

- · Normal/BW/Colorful/Brown/Warm/Cold
- \cdot By adjusting this setting, you will get the desired photo effect when the photo is taken.

Gyro Stabilize

- · OFF/ON/SUPER DIS
- · Turn on/off the Anti-shake, Enhance the Anti-shake.
- \cdot Compared to turning on Gyro Stabilizer, the Anti-shake effect of turning on SUPER DIS is better. But its FOV is 5% smaller than Gyro Stabilizer.
- · When you are in dim light, it is recommended to turn off the Anti-shake for better-capturing quality.

Scene Mode

- · Auto/Personage/Scenery/Defog
- · Choose a suitable mode according to the scene you are in.

D. System Settings

Wi-Fi

· Turn on/off the WiFi, Check WiFi name and password.

Auto Dormant

· The camera will dormant in the time you set if there isn't any operation.

Auto Power Off

 \cdot The camera will be turned off in the time you set if there isn't any operation.

Language

· Change the language.

Video Format

· Change the video format.

WDR

- · Turn on/off the WDR, Enhance the WDR. In a high-contrast environment (such as a face in backlight), it can capture more details, won't darken or destroy the photo due to shadows, glare, and reflections.
- When in dim light, it isn't recommended to turn on WDR and Gyro Stabilizer at the same time. Because WDR will weaken the effect of Gyro Stabilizer.

Frequency

· Change to power frequency.

Grid

· Turn on / off the reference grid lines on the screen.

Date Stamp

If you turn it on, there will be a date stamp on the lower right corner of the photos or videos. Please turn it off if you don't want the stamp.

Brand Stamp

• If you turn it on, there will be a brand stamp on the lower left corner of the photos or videos. Please turn it off if you don't want the stamp.

Kev Tone

· Turn on / off the tone of pressing any button or tapping the screen.

Cap Tone

 \cdot Turn on / off the tone of pressing the shutter button to take a photo.

Power Tone

· Turn on / off the tone of turning on / off the camera.

Date Time

· Adjust the time and date.

Voice Control

- \cdot Turn on/off the Voice Control, Check the list of Voice Commands.
- · Command List: Record Video, Close Recorder, Screen ON, Screen Off, Open WiFi, Close WiFi, Take Photo

Inversion Mode

· Turn on to change the up and down direction of the content displayed on the screen.

Format SD

· Format your SD card to delete all data on the card.

Factory Reset

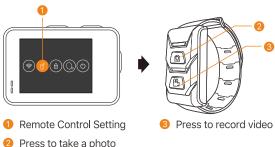
· This will restore all of your camera's original settings, clear all device connections.

Information

· Know about the information of the camera.

REMOTE CONTROL INSTRUCTION

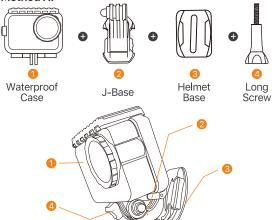
Swipe down on the screen with your finger after powering the camera on to find the Remote Control setting. Choose it and camera is connected to Remote Control Watch.



MOUNTING YOUR CAMERA

Use the Waterproof Case to attach your camera to mounts.

Method A:

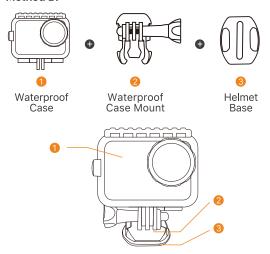


Step 1: Interlock the mounting fingers on the Waterproof Case with the mounting fingers on the J-Base, and then secure them with a screw.

Step 2: Slide the Helmet Base into the J-Base bottom until it clicks into place.

Step 3: Stick the Adhesive Pads on the bottom of the Helmet Base. Find a suitable position and fix the camera on the helmet.

Method B:

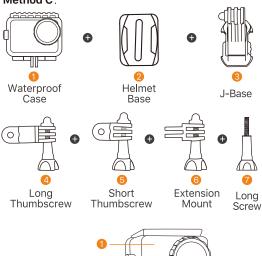


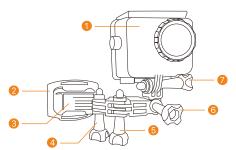
Step 1: Interlock the mounting fingers on the Waterproof Case with the mounting fingers on the Waterproof Case Mount, and then secure them with a screw.

Step 2: Slide the Helmet Base into the Waterproof Case Mount bottom until it clicks into place.

Step 3: Stick the Adhesive Pads on the bottom of the Helmet Base. Find a suitable position and fix the camera on the helmet.

Method C:



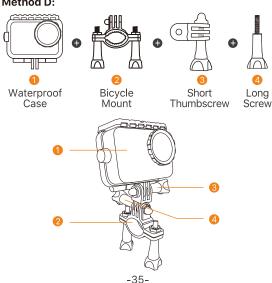


Step 1: Interlock the mounting fingers between Waterproof Case, J-Base, Extension Mount, Long Thumbscrew, Short Thumbscrew, and then secure them with screws. Step 2: Slide the Helmet Base into the Waterproof Case

Mount bottom until it clicks into place.

Step 3: Stick the Adhesive Pads on the bottom of the Helmet Base. Find a suitable position and fix the camera on the helmet.

Method D:

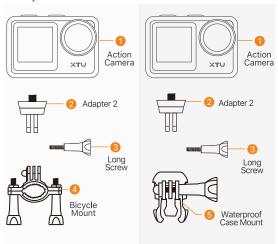


Step 1: Interlock the mounting fingers between Waterproof Case, Bicycle Mount, Short Thumbscrew, and then secure them with screws.

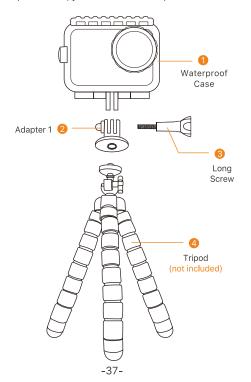
Step 2: Find a suitable position and fix the camera on the bicycle.

TIPS:

 If you don't like to mount the camera with the Waterproof Case, you can use the Adapter 2 to mount the camera directly.



• If you want to mount your camera on the tripod with the Waterproof Case, you can use the Adapter 1 to make it.



LENS PROTECTION & AUDIO ENHANCEMENT

DUST-PROOF COVER & LENS PROTECTOR





The lens cover is made from extremely tough strengthened glass, but it can still be scratched or cracked. The Dust-proof Cover and Lens Protector can be used to protect it from damage.

SPONGE COVER



When you are doing high-speed sports or in windy conditions, wearing Sponge Cover can reduce wind noise and enhance audio capture performance.

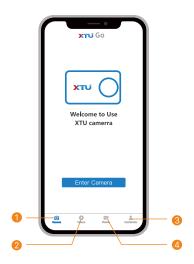
EXTERNAL MICROPHONE



If you are in a noisy environment, you can use the External Microphone to reduce noise and enhance the audio in your videos.

APP INSTRUCTIONS

HOME PAGE



- Enter to control the camera by smart phone
- View the videos downloaded from the camera
- 3 View the photos downloaded from the camera
- Share photos/videos to social Apps, Help Center, App Settings

ENTER CAMERA



- Back to homepage
- 2 Photo/Video resolution
- WiFi signal
- 4 Camera battery status
- 6 Memory card status
- Current mode settings /System settings

- Sync with camera screen
- 8 Shutter button
- View device files
- Photo/Video capturing status
- Switch capturing mode

6 Current mode settings/System settings





View device files



Switch capturing mode



DOWNLOAD PHOTOS/VIDEOS FROM ACTION CAMERA TO YOUR PHONE



- Enter Camera and view device files.
- Select the desired photos/videos and tap "Download", the files will be saved to your phone.

PRODUCT SPECIFICATIONS

Model	X1		
CPU	12nm, Dual-core A53 + Independent DSP, ISP 4th generation, High performance		
Sensor	Sony IMX377 1/2.3"		
Lens	166° Wide angle lens(Adjustable)		
Display Dimension	2 Inch LCD(Rear screen) 1.4 Inch LCD(Front screen)		
Photo Resolution	20M/16M/12M/8M/5M		
Video FPS	4K 60/30FPS 2.7K 60/30FPS 1440P 60/30FPS 1080P 120/60/30FPS 960P 60/30FPS 720P 240/120/60/30FPS		
Video Format	H.264/265 code; MP4, support WDR		
Image Format	JPEG/Raw, support HDR		

Audio Format	AAC	
Anti Shake Mode	SuperSmooth2.0	
Wi-Fi Connection	Android / iOS supported (25~50 FT), 2.4Ghz	
Mirco SD Card	Class 10 UHS-3 or above (Support up to 256G memory card)	
Ports	Micro USB / Micro HDMI	
Charging Time	About 3 hours (5V/2A)	
Waterproof Depth	About 5M/16.4FT (Without Waterproof Case) 40M/131.2FT (With Waterproof Case)	
Operating Temperature	-0° ~ 50°C	
Battery	Rechargeable 1350mAh Li-ion battery	

TROUBLE SHOOTING/FAQ

Q1: Which type of memory card can be supported by this camera?

A1: This camera can support a Class 10 UHS-3 memory card or above (TF Card), 256GB is the maximum size that can be supported. It's recommended to use SAMSUNG and Sandisk A2 TF card.

Q2: Although you have already inserted the SD card, the screen prompts "Please insert SD card".

A2: You need to check whether the SD card is formatted on the camera in the first instance. If the problem still cannot be solved, the file system on the SD card may have become corrupted. Please try changing the SD card to a new UHS-3 SD card with capacity 64-256GB.

Q3: Why the recorded files have not been saved?

A3: You need to make sure the camera is recording and the SD card is in the correct format for normal recording or replaced by other SD card that meets the requirements.

Q4: Why I can not operate or turn on the camera normally?

A4: First ensure that the battery can be charged, whether fully charged or replaced the backup battery, and then boot up the operation.

Q5: The action camera feels hot during using, is it normal?

A5: Because this machine is a fully sealed 4K/60Fps action camera, it will have a certain amount of heat during use. The lens ring is made from metal which is easier to dissipate heat, so it is the hottest part. It is normal that the camera will reach 70 Celsius after long-time 4K video recording. The camera will be turned off automatically for safety when the machine exceeds 95 Celsius.

Q6: Sound quality is poor or there is no sound on playback.

A6: First make sure the device is not in the waterproof case, because the waterproof case is designed to create an air tight-sealed environment around the device in order to prevent water ingress. It will reduce the sound that can be picked up by the microphone.

Secondly, ensure the Audio setting has not been turned off.

Q7: Where can I get a replacement if accidentally damaged an accessory during use?

A7: Don't worry, you can contact our official customer service team via email(support@xtucam.com). We will send you the replacement parts.

Q8: Is the remote control waterproof?

A8: The remote control is not completely waterproof, so it should not be fully immersed in water. If the remote control encounters with splashing water, please wipe it clean and dry in time.

WARRANTY

All XTU products come with a **limited warranty of 12** months from the date of purchase. We have a professional customer service team for supporting you as soon as we can.

If you have any questions or confusion about our product or the warranty, please feel free to contact us via email. We will endeavor to respond to you within 24 hours and will do our best to help you solve the problem until you are satisfied.

CONTACT US





CUSTOMER SUPPORT

support@xtucam.com