Quick Start Guide

1 _**Open back cover**_

_**4**_ _**Record**_ - Slide the record switch forward.

2 _**Install Micro SD Card and Battery**_
Requires Class 6 or higher
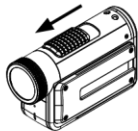
5 _**Turn Off**_ - Once you have finished recording, slide the switch to the off position.

3 _**Mount**_
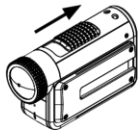
6 _**Download & View Video**_ - To download video simply remove your Micro SD Card & plug it into your computer.

You can also plug your camera into the computer with the Micro SD Card still in the camera.

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Welcome to the XTC HD ~~Camera Experience~~

Features and Controls

1080 Features: **720 Features:**

- 30 frames per second   - 60 frames per second

Thank you for purchasing the XTC400 HD video camera. We are proud

- 105° viewing angle   - 142° viewing angle

to offer you an exciting camera to record your life's adventures. With

- 16:9 aspect ratio   - 16:9 aspect ratio

an easy slide-on switch, Wi-Fi capability, and long battery life, you'll

- 1920 x 1080 resolution   - 1280 x 720 resolution

never miss a moment. Easily connect to your computer and upload

What's in the Box
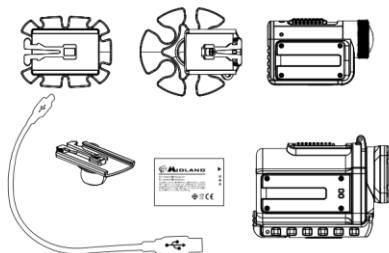
XTC400VP Package Includes:

Rotating Lens

170° Lens

Microphone

Record LED

Track for Mounting Accessories

External Microphone Jack on the underside

RECORD Switch Back Off / Stop

Micro SD Card LED

Battery LED

RECORD Switch Forward On / Record

HDMI Jack

Micro SD Jack

Battery

Micro USB Jack

Wi-Fi Switch

Low Light Switch

Format Button

Resolution Switch
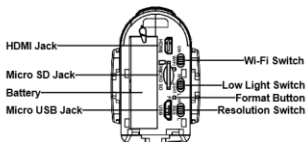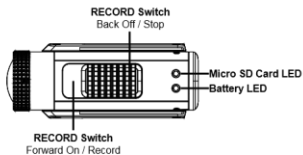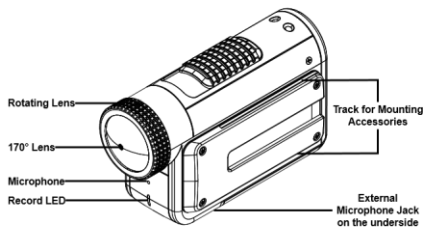
- Records as mp4 - Records as mp4 to share with your friends. See what other people are doing with their XTC cameras at facebook.com/midlandusa, and post your own video too. Enjoy!

1. Midland XTC400 Camera
2. Submersible Case
3. Micro USB Cable
4. Lithium-Ion Battery Pack
5. Basic Adhesive Mount
6. Mini Spider Mount (5° and 45°)

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Removing the Battery

1
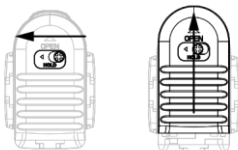
2
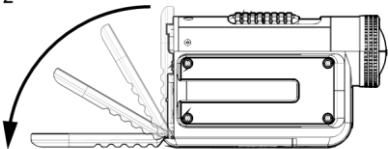
3
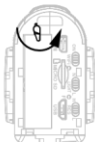
1. Press the lock release to the left. Slide the door upwards.
2. Pull the door open.

3. After rotating the latch counter-clockwise, the battery can easily be removed.

Reformatting the Micro SD card

The micro SD card can be reformatted while in the camera. This allows you to completely delete all the files at one time. Follow these steps:
1. Press and hold the format button
2. Move the RECORD switch to the forward/ON position.
3. The camera will beep 4 times and the □ icon will alternate blinking red and blue

   When complete, the camera will beep twice, then turn off.

Rotating Lens

To maintain upright orientation for your video when the camera is mounted at an angle, the XTC400's lens can rotate 180° in one direction and -90° in the other. There are indentations every 90° to enable you to twist the lens into place at commonly used angles.

External Microphone

To connect your camera to an external microphone, first open the rubber cover and then insert the 3.5 mm microphone jack into the plug. If you are using a headset, the left speaker will be used as the microphone. In addition, you may also connect a music player to directly record music to your video.

HDMI

Connect your micro HDMI cable (not included) to both devices – camera and tv/monitor. Once connected, switch the camera to the ON (forward) position. This will enable live streaming, but will not record. When the switch is moved back to the OFF position, video playback will start from the micro SD card. To skip to the next file, toggle the switch ON. For the next file, toggle the switch OFF. Continue in this manner to flip through your files. You can always skip forward to the following file, but cannot move backward to previous files. If you would like to return to a previous file, you must either unplug the device from the HDMI cable and plug it in again, or loop through all of your files.

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Battery

The included lithium-ion battery comes partially charged. To charge, connect the included micro USB cable to camera and connect the other end of the cable to a power source such as a computer, wall charger or vehicle charger. No damage will occur to the camera or battery if used prior to a full charge. See page 7 for battery status indications.

Mounting and Aiming Your Camera

Mount on Dual Track System

The XTC400 was designed with an innovative 3 point mount system on both sides and the bottom of the camera. This allows you to mount it on any side with ease.

To mount the camera on the basic mount, slide the camera onto the track system with the notches on the mount facing toward the back of the camera.

To detach the camera from the mount, squeeze the mount release tabs and slide the camera forward.
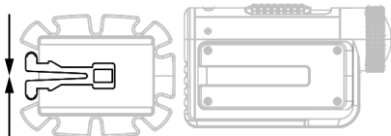
Aiming the Camera when mounted with the dual track mount:

When mounting the camera on a helmet, you must do the following:
1. Consider what you would like to shoot and mount the camera accordingly- left side, right side or top.
2. Find a flat surface and ensure the area is clean of dirt and debris. Remove the cover of the adhesive pad and adhere to the helmet.
3. Once attached, adjust the camera to be sure you are filming in the intended direction
4. If needed, rotate the lens to maintain an upright viewing angle
5. To see where your camera is aimed, enable Wi-Fi (pg 6) and use your Android / IOS device with the app as a viewfinder.

Mounting and Aiming Your Camera

Mount using the Thread Mount

On the bottom of the XTC400 is a standard thread mount that allows the camera to be mounted to a tripod or other fixture with a 1/4-20 (1/4" diameter, 20 threads per inch) 5/16 deep thread. To attach the camera, insert the screw on the mount into the camera thread and rotate the camera clockwise to tighten down onto the screw.

Note: Over tightening may cause damage
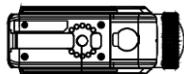
Tripod Mount *to the mount and/or camera*

Aiming the Camera when mounted with the thread mount:

When mounting the camera on a thread mount, follow these steps:
1. Consider what you would like to shoot and mount accordingly.
2. Ensure, once attached, that the camera is aimed straight and not toward the ground or at the sky.
3. If needed, rotate the lens to maintain an upright viewing angle
4. To see where your camera is aimed, enable Wi-Fi (pg 6) and use your smartphone with the app as a viewfinder.

Compatible Systems

The XTC400 can be used on both a PC or MAC. Below are the compatible operating systems: Windows XP SP2, Vista, 7, 8
Macintosh OSX 10.4 and higher
For video playback, we recommend Windows Media Player or Quick Time.

Minimum System Requirements

Processor	3.2GHz or faster
Ram	1GB or greater

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Video Card	256MB or greater

Video playback requires H.264 codec. To obtain more information go to midlandusa.com

Downloading Videos

There is no need to install any software with the XTC400. It is a plug and play device. To download video, follow the instructions below depending upon whether you have a PC or a MAC.

Downloading Videos on a PC with a WINDOWS Operating System

1.   Connect the camera to the computer using included micro USB cable.
2.   Ensure the record switch is in the OFF position3. Double click "My Computer" and locate "Removable Disk." 4. PC:
   a. If "Removable Disk" is not showing, close "My Computer" folder and reopen it. The "Removable Disk" icon should appear.
   b. Open the "Removable Disk" icon.
5. MAC
   a. MAC should automatically recognize the camera external hard drive.
   b. Click on the icon on the desktop.
6. Open the "DCIM" folder icon.
7. Open the "100MEDIA" icon.
8. Your videos will be in this folder.

Wi-Fi

The XTC400's built in Wi-Fi allows you to connect and control the camera using an smartphone or tablet.

1. Toggle the Wi-Fi switch inside the back cover to the ON position.
2. Slide the record switch forward.
3. Allow a few seconds for the camera to power on and initiate the Wi-Fi
   a. The camera will double beep twice and the front indicator will be blue.
   b. When the Wi-Fi is ready, the camera will beep once and the front indicator will be solid green

Note: If the camera does not detect a connection to the app within 1 minute, it will automatically disable Wi-Fi and begin recording.

Many features and options are available with the smartphone app:
• Live Preview
• Customize Video Settings
• Zoom
• Pictures
• Time Delayed Pictures
• Time lapse
• Wi-Fi Settings
• And many more

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Indications

Indications

Battery Status

Battery LED	Meaning
Solid Blue	Full battery level (Fully charged)
Blinking Blue	Medium battery level (Battery Charging)
Solid Red	Low battery level
Blinking Red*	Battery level too low
No Light	Battery is depleted

*Note: When the red battery LED begins blinking, be prepared to charge the battery because the camera will stop recording at this point.

Memory Card LED Status

Memory Card LED	Meaning
Solid Blue	66% - 100% Available
Blinking Blue	33% - 66% Available
Solid Red	0% - 33% Available
Blinking Red	0% Available
No Light	No Card / Card Error
Blinking Red / Blue	Formatting Upgrading Firmware

Front LED Status

Front LED	Meaning
Blinking Green	Recording 1080p
Blinking Blue	Recording 720p
Blinking Red	Recording WVGA
Solid Blue	Wi-Fi Enabling

Switch Position

Position	Meaning
Wi-Fi Up (On)	Wi-Fi Enabled
Wi-Fi Down	Wi-Fi Disabled
Light Setting Up (N)	Normal Light Mode
Light Setting Down (L)	Low LIght Mode
Resolution Up (H)	Record at 1080p30
Resolution Down (L)	Record at 720p60

Solid Green	Wi-Fi On
Solid Red	USB Connected

Recording Time

Memory Size	720 Record Time	1080 Record Time
512 MB	6.5 Minutes	5.5 Minutes
1 GB	13 Minutes	11 Minutes
2 GB	26 Minutes	22 Minutes
4 GB	52 Minutes	44 Minutes
8 GB	104 Minutes	88 Minutes
16 GB	208 Minutes	176 Minutes
32 GB	416 Minutes	352 Minutes
64 GB	832 Minutes	704 Minutes

Note: The camera automatically splits the video into 29 minute segments.

Sounds

Sounds	Meaning

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1 Beep	Power on (Wi-Fi Off)
2 x 2 Beeps	Power on (Wi-Fi On)
3 Beeps	Start Recording
5 x 3 Beeps	Memory Card Full
2 Beeps	Power Off
1 Beep (Wi-Fi On)	App Confirmation
4 Beeps	Formatting Memory Card

Note: The beeps can be turned off via smartphone app.

Tips and Tricks

Problem	Solution
Batteries	
Camera not turning on	Be sure battery is fully charged.
Recording	
Camera not recording	Make sure the switch is pushed all the way forward. If the record LED does not come on, turn off the device and reinstall the battery. Verify available memory.
Micro SD card	

Problem	Solution
Video Downloading	
Slow data transfer	Verify the camera is plugged into a U 2.0 or 3.0 device. If registering as 1 unplug and the re-plug the device. Remove other unused USB devices.
Computer does not recognize camera	Ensure record switch is in the OFF position while connected to compute Ensure the Micro SD card is inserted properly. Micro SD card may be corrupted. Attempt formatting process.
File won't transfer off memory card	In the run command type: chkdsk *volume*:/f then press enter

Micro SD card not reading	Ensure the Micro SD card is inserted properly.
	Plug camera into the computer to verify it has available storage.
	Attempt formatting process.
	Ensure Micro SD card is class 6 or higher
Video Playback	
Slow or choppy video	Verify the camera is plugged into a USB 2.0 or 3.0 device.
	Remove other unused USB devices.
	Transfer video to computer before viewing.
	Verify computer meets minimum requirements.
	Verify proper codec is installed.

Sound	
Excessive Wind Noise	Place piece of tape over microphone hole.
	Try using an external microphone
	Try using the submersible case
Wi-Fi	
Can't connect to App	Verify the device's Wi-Fi settings and ensure it is connected to the XTC40 Wi-Fi.

LIMITED WARRANTY (United States and Canada)

Subject to the exclusions set forth below, Midland Radio Corporation will repair or replace, at its option without charge, any Midland XTC Action Camera which fails due to a defect in material or workmanship within Three Years following the initial consumer purchase.

This warranty does not apply to water damage, battery leak, abuse or misuse of unauthorized accessories, unauthorized service or modification or altered products. Accessories have a 90 day warranty from date of purchase, including any chargers, mounts, and cables.

This warranty does not include the cost of labor for removal or re-installation of the product in a vehicle or other mounting.

ANY IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE,

SHALL BE LIMITED AS SET FORTH HEREIN AND TO THE DURATION OF THE LIMITED WARRANTY, OTHERWISE THE REPAIR OR REPLACEMENT AS PROVIDED

UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES,

EXPRESS OR IMPLIED. IN NO EVENT SHALL MIDLAND BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING BUT NOT LIMITED TO NEGLIGENCE, GROSS

NEGLIGENCE, BODILY INJURY, PROPERTY DAMAGE AND DEATH) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR ACCESSORY,

OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS OR ACCESSORIES TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

For Product Purchased in the USA:

Performance of any obligation under this warranty may be obtained by returning the warranted product, prepaid freight, along with proof of purchase to:

Midland Radio Corporation
Warranty Service Department
5900 Parretta Drive
Kansas City, MO 64120

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Note: The above warranty applies only to merchandise purchased in the United States of America or any of the territories or possessions thereof, or from a U.S. Military exchange.

For Product Purchased in Canada:

Performance of any obligation under this warranty may be obtained by returning the warranted product, along with proof of purchase, to your place of purchase in Canada. This warranty gives you specified legal rights. Additional warranty rights may be provided by law in some areas within Canada.

Service

If you have a problem which you believe requires service, please first check the FAQ section of the website, check your Owner's Manual, or call and speak with a service technician. Many problems can be remedied without returning the unit for service. If necessary, return as follows:

Pack the unit in its original box and packing. Then pack the original box in a suitable shipping carton. Caution: Improper packing may result in damage during shipment. Include the following:

 a. Full description of any problems

 b. Daytime telephone number, name & address

For warranty service include a photocopy of the bill of sale from an authorized dealer or other proof of purchase showing the date of sale.

You do not need to return accessory items (AC/DC Adapter, Batteries, and Owners Guide) unless they might be directly related to the problem.

Repairs not covered by warranty or units that are over Three year old are subject to a repair fee. Please call for a quote on repair service cost at 816-241-8500.

Send only cashier's check, money order, Master Card or Visa card number.

Midland Radio Corporation
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