XTRA MUSE 2 PRO

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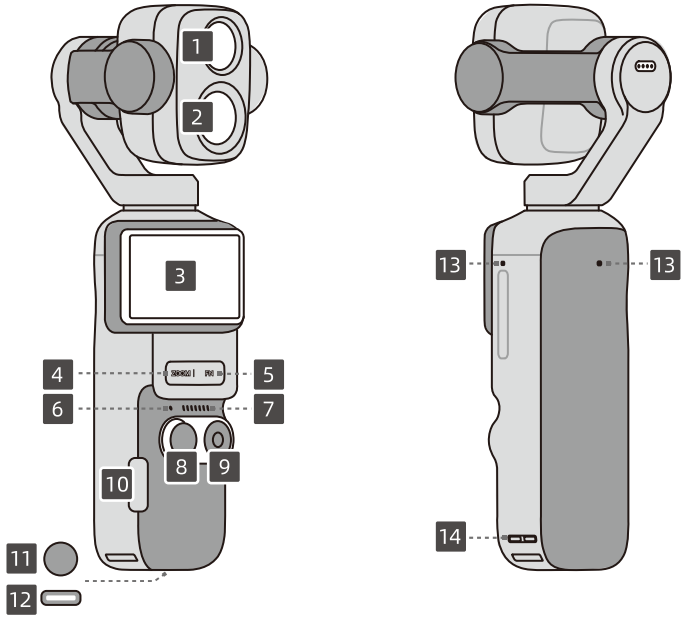
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Chapter 1. Setting Up

Introduction



1. Med-Tele Camera
2. Wide-Angle Camera
3. Dual-Side Flip Touchscreen
4. Zoom Button
5. Function Button (FN Button)
6. Status LED
7. Speaker
8. 5D Joystick
9. Shutter/Record Button
10. microSD Card Slot with Cover
11. 1/4" Screw Hole (for tripod installation)
12. USB-C Port
13. Microphones
14. Lanyard Hole

Using a microSD Card

The camera has built-in storage. If you need extra storage space, open the microSD card slot cover and insert a UHS-I U3-rated microSD card.

To switch between internal and microSD card storage, see Storage Management (on page 10).

Charging

Connect a USB-C charger to the USB-C port using the provided cable.

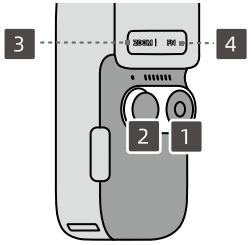
Powering On/Off

Power on: Rotate the touchscreen or press the Shutter/Record button once.

Power off: Rotate the touchscreen back to its original position or press and hold the Shutter/Record button for one second.

Chapter 2. Taking the Shot

When the Camera is On



1. **Shutter/Record Button**

   Press once in the camera view: Take a photo or start/stop recording.

2. **5D Joystick**

   Push left or right: Rotate the camera horizontally.

   Push up or down: Control the camera tilt or zoom.

   Press twice: Recenter the gimbal.

   Press three times: Switch the camera between facing forward and backward.

3. **Zoom Button**

   Press to switch between zoom levels.

   Press and hold: Continuously zoom in at a constant speed.

4. **Function Button (FN Button)**

   The FN button functions are customizable. For details, see FN Button Customization (on page 8).

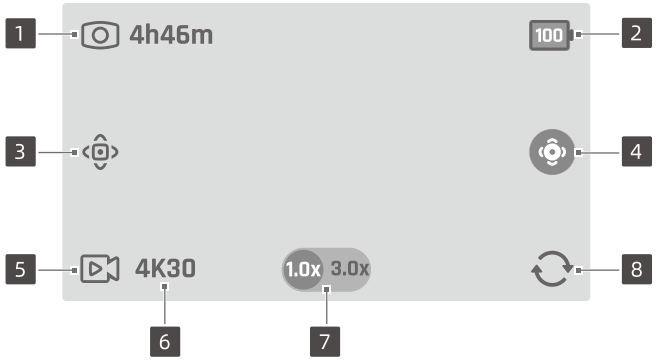
When the Camera is Off

With the Screen Rotate & Capture feature enabled, you can rotate the touchscreen to power on the camera and start recording immediately. For details, see Screen Rotate & Capture (on page 9).

Press the Shutter/Record button again to stop recording. Rotate the touchscreen back or leave the camera idle to power it off.

Chapter 3. Real-Time Preview Screen

Once powered on, the camera displays the real-time preview on the touchscreen. This chapter explains the information shown on the real-time preview screen and how to use the on-screen controls.



1. **Storage Capacity/Remaining Recording Time**
2. **Battery Level**

   Tap to view more detailed information.
3. **Smart Gimbal (Video mode only)**

   Tap to select a smart gimbal mode such as Frame Lock, Focus Lock, or Spin Capture. Tap again to exit.
4. **Zoom/Tilt Switch**

   Tap to switch joystick control between gimbal tilt and camera zoom.
5. **Current Shooting Mode**

   Tap to change the shooting mode.
6. **Shooting Specifications**
7. **Zoom Levels**

   Tap to quickly switch the zoom level.
8. **Forward/Backward Switch**

   Tap to switch the camera between facing forward and backward.

Fastpath:

- Swipe up from the bottom of the screen to view or change primary settings.
- Press the 5D Joystick to return to the real-time preview screen from other interfaces.

Playing Back

With your camera in real-time preview, swipe right from the left edge of the touchscreen to see the last video or photo you took. Swipe left from the right edge of the touchscreen or press the 5D Joystick once to exit playback.

You can also view the playback on your mobile phone. For details, see Connecting to the App (on page 15).

Changing Shooting Modes

Changing Modes

1. With your camera in real-time preview, tap the icon in the lower-left corner.
2. Swipe left or right to select the desired shooting mode.
3. Swipe up from the bottom of the screen to exit.

Shooting Tips

- **Panorama**: Captures a series of photos within the field of view (FOV) and then stitches them into a single panoramic image.
- **Photo**: Takes a photo.
- **Video**: Records a video.
- **Low-Light**: Automatically adjusts exposure settings to improve image quality in low-light environments.
- **Slow Motion**: Records at a high frame rate and plays back the footage at a slower speed to reveal details that are hard to see with the naked eye. Audio is saved separately as an audio file in the same directory as the video, which you can transfer to a computer.
- **Timelapse**: Captures single frames at fixed time intervals and then combines them into a short video.

Setting Shooting Parameters

Primary Settings

With your camera in real-time preview, swipe up from the bottom of the screen to open the primary settings panel. Available settings vary by shooting mode.

- **Panorama**: Panoramic options and countdown timer.
  - **180°**: The camera takes a series of horizontal photos from left to right and stitches them into a panoramic photo.
  - **3×3**: The camera takes nine photos from different directions and stitches them into a final panoramic photo.
- **Photo**: Photo resolution, aspect ratio, and countdown timer.
  - **SuperPhoto**: Capture photos with higher resolution and more details.
  - **Standard**: Capture photos with standard resolution.
- **Video**: Resolution, frame rate.
- **Low-Light**: Resolution and frame rate.
- **Slow Motion**: Resolution and playback speed ratio.
- **Timelapse**:
  - Swipe in the middle area of the screen to select the lapse mode.
    - **Timelapse**: Records timelapse videos when the camera is mounted and stationary. Presets are provided for typical scenes. You can also customize the recording interval and duration.

- **Hyperlapse**: Records smooth timelapse videos while moving, such as car-ride and handheld shots.
- **Motionlapse**: Records timelapse videos from different angles by moving the camera along preset shooting positions. If **Custom Motion** is selected, tap the upper-left corner to set up to four positions. The gimbal will move to each position in sequence.

◦ Tap the lower-left corner to set the resolution and frame rate.

Once you have set the parameters, swipe down from the top of the screen to return to the real-time preview.

Advanced Settings

With your camera in real-time preview, swipe left from the right edge of the touchscreen to fine-tune image and audio settings.

1. Tap **Pro** in the upper-right corner to view more advanced options.
2. Use the selector in the upper-left corner to switch between image and audio settings.

The following table lists key parameters. Available settings vary by shooting mode.

Pro Settings	Items
Image	• Exposure • White balance • Color mode (including X-Log) • App beauty effects • Focus mode • Breathing compensation • Low-Light Image Enhancement
Audio	• Channel • Noise reduction • Directional audio • Vocal boost • Zoom audio

ActiveTrack

ActiveTrack allows the gimbal camera to automatically follow the selected subject.

1. Make sure your camera is in Photo or Video mode.
2. With your camera in real-time preview, tap twice on the touchscreen to select a subject and enable ActiveTrack.
3. Press the 5D joystick once or tap the touchscreen to exit.

Warning: ActiveTrack is unavailable in Panorama, Timelapse, Motionlapse, SpinShot, or when using FPV mode with the camera held horizontally. Tracking performance is best in well-lit environments.

Chapter 4. Customizing Your Camera

The Control Center allows you to quickly change settings and enable/disable features.

Swipe down from the top of the screen to access the Control Center.

Gesture Commands	Screen Rotate & Capture
FN Button Customization	FT (Selfie)
Custom Modes	Add Subject
Selfie Flip	Fill Light (on page 13)
Shooting Orientation	Brightness
Wireless Microphone	Sounds
Gimbal Modes	Reference Line
Rotational Speed	General Settings

Gesture Commands

Gesture Commands is useful for remote operation or when the camera is placed out of reach. With the feature enabled, raise your hand and open palm to start/stop tracking; make a V sign to take a photo or start/stop video recording.

Turn on **Registered Subjects Only** to restrict gesture commands to registered subjects.

> **Warning:** The effective range for gesture commands is related to the lens focal length. Keep your gesture within the effective range and do not cover your face with your hand. An on-screen prompt appears when the gesture command takes effect.

FN Button Customization

You can customize functions for the FN button. Preset functions are as follows:

- Single press: Switch joystick control between gimbal tilt and camera zoom.
- Double press: Recenter the gimbal.
- Triple press: Lock or unlock the camera direction.

Custom Modes

You can save your current shooting settings as a custom mode. Later, you can quickly select this mode when changing shooting modes. You can save multiple custom modes.

Selfie Flip

When enabled, selfie footage is flipped horizontally at capture, so the recorded image matches what you see in the preview.

Screen Rotate & Capture

When this feature is enabled, the camera starts recording as soon as you rotate the touchscreen to power it on. This is the quickest way to begin shooting so you never miss a moment of the action.

At the top of the **Screen Rotate & Capture** page, you can perform the following actions:

- Use the switch at the top to enable/disable the feature.
- Scroll down to view the available shooting modes used for this feature.

Once you rotate the touchscreen to start recording, rotating it back has different effects depending on the shooting orientation.

Shooting Orientation	Effect of Rotating the Touchscreen Back
Auto-Rotation/Landscape	Recording stops and the camera powers off after two seconds.
Portrait	Recording continues.

After recording stops, the camera automatically powers off if it is left idle.

FT (Selfie)

If FT (Selfie) is enabled when using ActiveTrack, the camera automatically recognizes and tracks your face to ensure the best selfie angle.

Add Subject

Add and manage subjects and use the subjects for tracking, autofocus, and gesture response.

General Settings

This section describes the key settings that are specific to this camera. Standard system settings (such as language) follow common digital devices and are not described in detail.

- **Rotate screen to power off**: If enabled, you can power off the camera when it is not recording by rotating the touchscreen back to its original position.
- **Scrn Off When Rec**: Set the time before the touchscreen turns off once you start recording. The recording will not be interrupted.
- **Wearable Mode**: If enabled, the camera rotates and locks in selfie mode, and the gimbal mode switches to Tilt Locked. In Wearable Mode, you can tap the touchscreen twice to recenter the gimbal and swipe up to exit.
- **OTG File Transfer**: Connect the camera to an Android device that supports OTG using the provided cable. Once connected, you can view and transfer photos and videos in the device gallery or file manager.
- **Input Lock**: When on, the amount you push the joystick no longer changes the gimbal speed or zoom speed, giving you a steady, constant-rate control that is well suited to smooth zoom pulls.
- **Timecode**: Reset the timecode or synchronize it with the system time. An external timecode synchronizer connected through the USB-C port is also supported. Turn on **Timecode Display** to overlay the timecode in the camera view.

- **Anti-Flicker**: Select the anti-flicker frequency according to the local power grid frequency.
- **Livestream**: Tap **Continue Last Livestream** to resume livestreaming with the last used settings. Livestream is only available when using the Xtra app.

Storage Management

Check the camera's built-in and external storage usage. When a microSD card is inserted, you can switch to the card for saving new footage.

Tap **Storage** to format either the internal storage or the microSD card.

> **Warning:** Formatting will permanently erase all data. Back up anything you need before you format.

Chapter 5. Webcam

The camera can work as a webcam on a computer.

1. Power on the camera and connect it to a computer using a USB cable.
2. When the camera is connected to a computer, a pop-up will appear on the camera.
3. Tap the webcam option to enter Webcam mode. The camera will then function as a webcam input device, and **Webcam** is shown at the bottom of the screen.
4. Press the Shutter/Record button to start recording.
5. Swipe left from the right edge of the screen to adjust parameters such as exposure, white balance, and focus mode.

After you exit Webcam mode, you can preview the recorded videos on the camera.

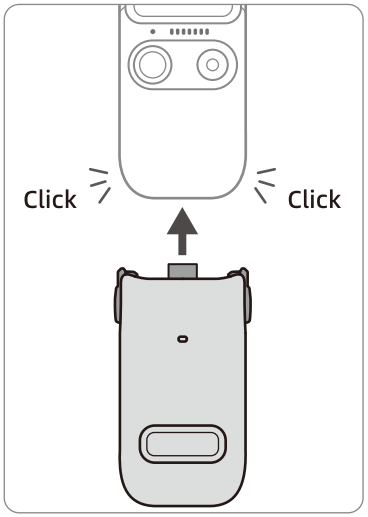
Tip: You can enable gimbal tracking in Webcam mode to keep the subject centered.

Chapter 6. Using the Accessories

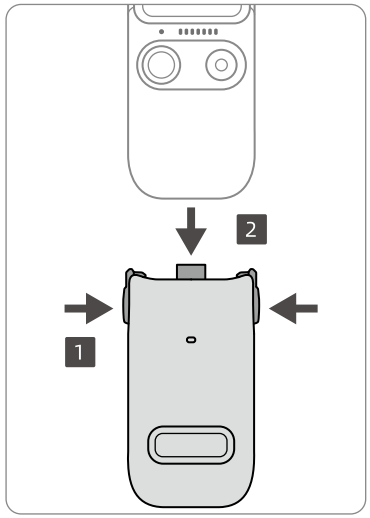
Depending on the combo you purchased, some of the accessories are included with your camera. You can also purchase the accessories separately on https://store.xtra-us.com/.

Battery Grip

Attaching



Detaching



Warnings

1. When the battery grip is attached to the camera, the firmware of the battery grip will be updated automatically with the camera firmware. DO NOT remove the battery grip before the update is complete.
2. Ensure that the battery grip is adequately insulated so that fire risks are avoided. DO NOT drop or strike the battery grip.
3. The battery grip is not waterproof. DO NOT drop it in water or spill any liquid on the port.
4. To prolong battery lifespan, discharge the battery grip to 50% before long-term storage.

Charging

Before charging, make sure the ports are clean and dry. Wipe the USB-C port with a soft, dry cloth if there is any noticeable buildup.

Connect the battery grip to a Power Delivery charger using a USB-C cable.

Battery Level LED

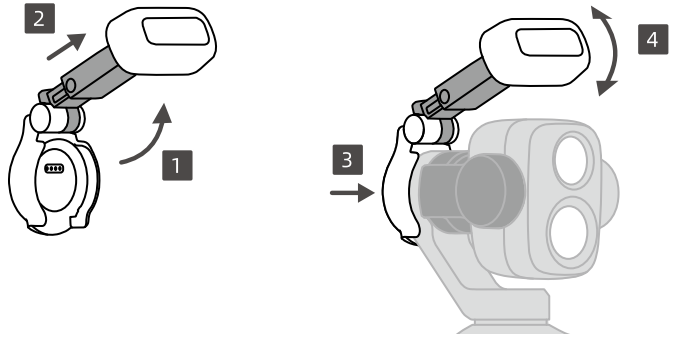
Blinking Pattern	Description
Solid red for 3 s and turns off	0%-20%
Solid yellow for 3 s and turns off	20%-50%
Solid green for 3 s and turns off	50%-100%
Blinks red/yellow/green	Charging
Off	Charging complete

System Status LED

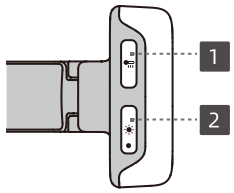
Blinking Pattern	Description
Blinks red and green alternately	Updating firmware
Blinks red twice	The battery grip cannot be used due to abnormal ambient temperature. Wait for the temperature to return to normal.
Blinks yellow continuously	Firmware update failed. Connect the battery grip to the camera and try again.

Fill Light

1. Before attaching, clean the contacts with a dry cloth to remove any visible buildup.
2. Match the contacts on the fill light with the gimbal to ensure secure attachment. Then adjust the fill light angle as needed.



Notice: Once the fill light is attached, tilt the gimbal slightly to prevent lens flare.



1. **Color-Temperature Button**: Press once to adjust the color temperature.
2. **Brightness Button**: Press once to adjust the brightness. Press and hold to turn off.

Warning:

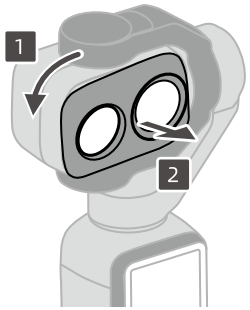
- The fill light contains magnets. Keep it away from magnetic cards, pacemakers and other implantable medical devices, hard disks, RAM chips, and similar items to prevent interference.
- Avoid strong shaking or sudden movements so the fill light does not come loose.
- Remove the fill light before you power off the camera for storage.

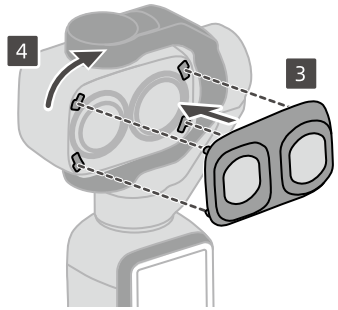
Lens and Filters

You can unlock more creative options by attaching different lenses to the camera. The Creator Combo includes a wide-angle lens. Additional soft mist lenses and ND filters are also available for separate purchase from https://store.xtra-us.com/.

Take the wide-angle lens as an example:

1. Clean both the camera lens and the attached lens surfaces to avoid scratches caused by dust or sand.
2. Remove the lens protector first, then attach the lens.





3. With the wide-angle lens attached, the FOV of the wide-angle camera will be extended while the FOV of the med-tele camera is not affected.

Warning:

- Panoramic photos are not supported when the wide-angle lens is in use.
- Remove the lens before powering off the camera for storage.

Chapter 7. Sharing Photos and Videos

With a Mobile Phone

Connecting to the App

1. Download the Xtra app using the following QR code.

Download on the App Store

GET IT ON Google Play

Tip: If you search "Xtra" in the App Store, note that the app appears in the search results as "Xtra Tech" with the following logo.

XTRA

After you install the app, the name on your phone will appear as "Xtra".

2. Enable Wi-Fi and Bluetooth on the mobile device. Launch the app and tap the linking icon on the home screen.
3. Follow the on-screen instructions to connect your camera to the app. When the verification code appears, tap to accept on the camera.

Playing Back and Downloading

Once connected, you can use the app to view, edit, and share your videos and photos.

Tap the playback icon to preview photos and videos. Tap the download icon to download photos and videos. You can select multiple files and download them at the same time.

With a Computer

1. Power on the camera and connect it to a computer using the provided cable.
2. When the camera is connected to a computer, a pop-up will appear on the camera.
3. Tap the file transfer option to download the files from the camera to the computer.

Warning: When transferring a file, the camera cannot take photos or record videos.

Chapter 8. Appendix

Status LED

Blinking Pattern	Description
Solid green	Ready for shooting
Temporarily off and stays green	Taking a photo
Blinks red	Recording a video
Blinks red three times rapidly	Powering off, or about to power off because of low battery
Blinks red and green alternately	Updating firmware

Updating the Firmware

When connected to the camera, the Xtra app will notify you if new firmware is available. Tap the prompt and follow the on-screen instructions to update the firmware.

Specifications

Visit https://www.xtra-us.com/ for specifications.

Customer Support

To reach customer support, contact after-sales@xtra-us.com.