



MINOLTA®



MND35



User Manual

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1.0 Introduction

About this Manual:

Congratulations on purchasing the Minolta MND35 Digital Camera!

The contents of this manual are subject to change without notice. Note that the example screens and product illustrations shown in this User's Guide may differ somewhat from the screens and configuration of the actual camera.

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Federal Communications Commission Interference Statement:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Warning:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment must be installed and operated in accordance with provided instructions and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

FCC: SAR standard Value: 1.6 W/Kg, Maximal Measure: 0.4 W/kg

CE Mark Warning:

This is a Class B product, in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

Camera Information:

- Do not disassemble or attempt to service the camera yourself.
- Do not expose the camera to moisture, or extreme temperatures.
- Allow the camera to warm up when moving from cold to warm temperatures.
- Do not touch and put pressure on the camera lens.
- Do not expose the lens to direct sunlight for extended periods.
- Do not use abrasive chemicals, cleaning solvents or strong detergents to clean the product. Wipe the product with a slightly damp soft cloth.
- Do not use the flash or LED Light near a person's eyes to prevent possible eye injury.
- To prevent you from falling over or resulting in traffic accident, do not use the camera while you are walking, driving or riding a vehicle.
- Handle the camera strap with care, and never place the strap around the neck of an infant or child. Wrapping the strap around a neck may cause suffocation.
- Do not subject the LCD screen to impact.
- To prevent the risk of fire or electric shock, do not expose the inside of this product to rain or moisture.

Battery Information:

- Turn off the camera before installing or removing the battery.
- Use only the provided batteries or type of battery and charger that came with your camera. Using other types of battery or charger may damage the device and invalidate the warranty.
- Inserting the battery upside down can cause damage to the product and possibly cause an explosion.
- When the camera is used for an extended period of time, it is normal for the camera body to feel warm.
- Download all pictures and remove the battery from the camera if you are going to store the camera for a long period of time.
- Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
- Keep the batteries out of the reach of children to prevent from swallowing the batteries, which might cause poisoning.
- If the battery's color or shape changes in any way, stop using the battery immediately.

USB Adaptor Information:

- Do not expose the adaptor to high temperatures or moisture places. Otherwise, it may cause fire or electric shock.
- Do not attempt to repair, disassemble, change or transform the adaptor.
- Avoid sudden changes in temperature, which may cause condensation on the adaptor's internal surfaces. Do not use it immediately in this situation.
- Do not touch the plug with wet hands. Otherwise, it may cause electric shock.
- Do not use the travel voltage converter or AC/DC power inverter. Otherwise, it may cause damage, overheating, malfunction or fire to the camera.

Precautions When Cleaning:

- Do not puncture the microphone or speaker openings with a sharp implement.
- If the inside of the camera is damaged, the waterproof performance will deteriorate.
- Do not use soap, natural detergents, or chemicals such as benzene for cleaning.

Do Not Apply Strong Impact to the Camera:

The product may malfunction if subjected to strong shock or vibration. In addition, do not touch or apply force to the lens.

Avoid Sudden Changes in Temperature:

Sudden changes in temperature, such as when entering or leaving a heated building on a cold day, can cause condensation to form inside the device. To prevent condensation, place the device in a carrying case or a plastic bag before exposing it to sudden changes in temperature.

Keep Away from Strong Magnetic Fields:

Do not use or store this device in the vicinity of equipment that generates strong electromagnetic radiation or magnetic fields. Doing so could result in loss of data or camera malfunction.

Do Not Point the Lens at Strong Light Sources for Extended Periods:

Avoid pointing the lens at the sun or other strong light source light sources for extended periods when using or storing the camera. Intense light may cause the photo sensor to deteriorate or produce a white blur effect in photographs.

Power the Product Off before Removing or Disconnecting the Power Source or Memory Card:

Do not remove the battery while the product is on, or while photos are being saved or deleted. Forcibly cutting power in these circumstances could result in loss of data or cause damage to the memory card or internal circuitry.

Notes About the LCD Screen:

- The LCD Screens are constructed with extremely high precision; At least 99.99% of pixels are effective, with no more than 0.01% being missing or defective. Hence, while these displays may contain pixels that are always lit (white, red, blue or green) or always off (black), this is not a malfunction and has no effect on photos recorded with the device.
- Photos viewed on the LCD screen may be difficult to see under certain lighting.
- Do not apply pressure to the LCD screen, as this could cause damage or malfunction.

Charging the Battery:

Check the battery level before using the camera and replace or charge the battery if necessary.

- Charge the battery indoors with an ambient temperature of 5°C (41°F) to 35°C (95°F) before use.
- A high battery temperature may prevent the battery from charging properly or completely, and may reduce battery performance. Note that the battery may become hot after use; wait for the battery to cool before charging. When charging the battery inserted into this camera using the Charging AC Adapter or a computer,

the battery is not charged at battery temperature below 5°C (41°F) or above 55°C (131°F).

- When the battery is between 45°C (113°F) - 55°C (131°F), the chargeable capacity may decrease.
- Do not continue charging once the battery is fully charged as this will result in reduce battery performance.
- The battery temperature may increase during charging. However, this is not a malfunction.
- Note that the battery may become hot after use.
- Do not use the battery at ambient temperatures below 0°C (32°F) or above 40°C (104°F) as this could cause damage or malfunction.
- If you notice any abnormalities such as excessive heat, smoke, or an unusual smell coming from the battery, immediately discontinue use and consult your retailer.
- After removing the battery from the camera or optional battery charger, put the battery in a plastic bag, etc. in order to insulate it.

Using the Battery When Cold:

On cold days, the capacity of batteries tends to decrease. If an exhausted battery is used at a low temperature, the camera may not turn on. Keep spare batteries in a warm place and exchange as necessary. Once warmed, a cold battery may recover some of its charge.

Recycling Used Batteries:

Replace the battery when it no longer holds a charge. Used batteries are a valuable resource and should be recycled in accordance with local regulations.

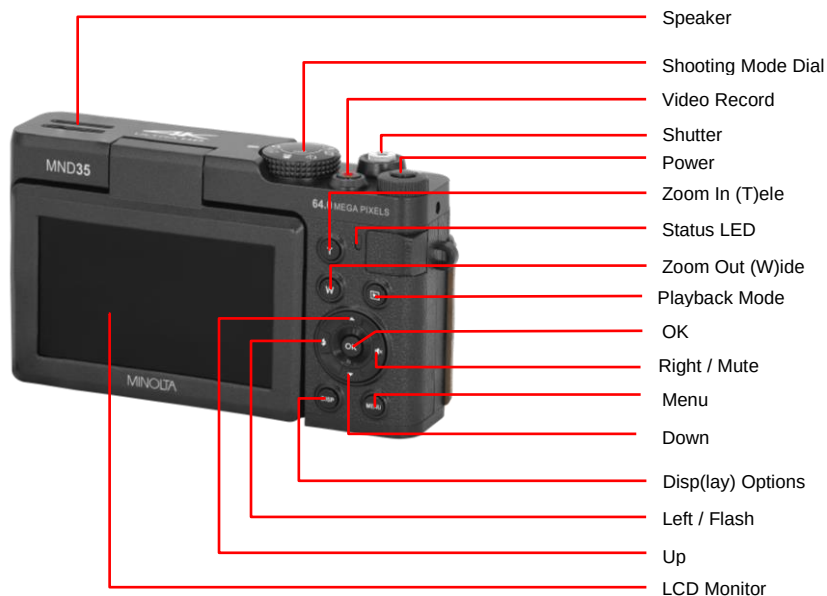
Storage:

If you do not intend to use the camera for an extended period, remove the battery and avoid storing the camera in any of the following types of locations:

- Places that are poorly ventilated or subject to humidity of over 60%
- Place exposed to temperatures above 50°C (122°F) or below -10°C (14°F).

Getting Started

1.1 Buttons and Operation Overview



1.2 Buttons and Operation Overview Explained

Name:	Function:
Power	Button to power the camera on or off.
Video Record	In Video Mode: Button to start or stop recording video
Shooting Mode Dial	Rotatable dial to change shooting mode
Speaker	Built-in speaker plays button-press sounds and other video playback sounds
LED Flash	In Photo Mode: White LED flash
Shutter	In Photo Mode: Button to capture a photo In Video Mode: Button to focus your shot before starting video recording
Strap Hook	Hook to connect strap for easy carrying
3.5mm Microphone Input	Input port for adding an external microphone (3.5mm)
USB-C Port	Port for charging battery, transferring photos to a PC, or using your camera as a PC Camera
Memory Card Slot	Slot for inserting MicroSD memory card
Microphone	Built-in microphone to capture audio during a video recording
Lens	Objective lens where all photo and video will capture from
Zoom In (T)ele	Digital Zoom In (Tele) 1 -18x
Status LED	Fast Blink Blue: Capturing photo Slow Blinking Blue: Recording video Solid Red: Battery is charging
Zoom Out (W)ide	Digital Zoom Out (Wide) 1 -18x
Playback Mode	Button to enter Playback Mode
OK	Button to confirm a selection
Right / Mute	In Settings: Button to move Right when navigating menus In Shooting: Button to mute all sounds
Menu	Button to enter the settings menu in each mode
Down	In Settings: Button to move Down when navigating menus In Photo Filters Mode: Button to cycle through different color filter options

■ CONTINUED ■

Name:	Function:
Disp(lay)	In Shooting: Button to turn the display on or off In Playback: Show All Photos/Videos Page
Left / Flash	In Settings: Button to move Left when navigating menus In Photo Mode: Button to cycle through Flash options
Up	In Settings: Button to move Up when navigating menus In Photo Filters Mode: Button to cycle through different color filter options
LCD Monitor	Articulating 180-degree flipping monitor to display media and live view

1.3 Camera Features and Operation

In addition to basic photo and video capture, the Minolta MND35 offers a variety of shooting modes to suit different situations. This section describes how to make the most of your camera's key features. Along with the explanation of its operations, it will enable you to enjoy your camera to the fullest.



First Use

1.4 Operating the Battery Door

Unlock the battery door by sliding the locking latch left with your thumb or nail as shown in the figure below, and release. The battery door should unlock and spring open.



1.5 Installing the Battery

Insert the included lithium-ion battery into the battery compartment with the metal contacts facing the inside of the camera as shown in the figure below. The camera will only power up if the metal contacts on the battery line up with the metal contacts inside the battery compartment.

NOTE: The battery can only be inserted in one way.



1.6 Installing the Memory Card

Insert the MicroSD memory card under the protective side cover with the memory card's metal contacts facing back as shown in the figure below. Push the memory card in until you hear an audible click.



The MicroSD memory card can only be inserted in one way. Do not force the card in if it will not go in smoothly. If it is not inserting smoothly, then it is likely being inserted incorrectly.

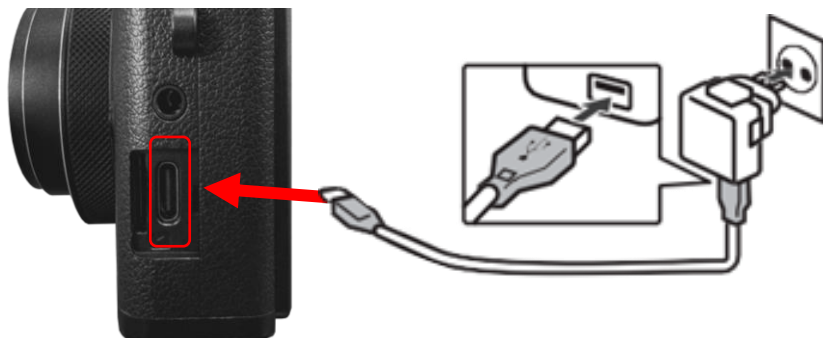
To remove the MicroSD memory card, simply push the card in and the card will eject back out.

NOTE:

- Format the memory card before using the camera (Caution: this will erase all data on the card).
- Do not remove or insert the memory card when recording. It may damage the card or cause data loss.
- Memory card rating must be Class 10 or above.
- Maximum capacity MicroSD supported is 128GB.

1.7 Charging the Battery

Connect your camera to the included AC adaptor and USB-C cable. Insert the small end of the USB plug into the camera's USB-C port under the protective door as shown in the figure below. Plug the larger end into the included AC adaptor. While charging, the LED indicator light will light up solid red and will turn off once charging is completed.



1.8 Powering the Camera On and Off

Hold the **POWER** button for 3 seconds to power the camera on. To power the camera off, press and hold the **POWER** button for a further 3 seconds.

If the camera's battery is low, a "Low Battery" message will display on the screen and it will automatically shut down within a few seconds to prevent corruption or loss.



1.9 Shooting Modes

The MND35 includes several advanced shooting modes. To switch shooting modes, rotate the Shooting Mode Dial at the top of the camera. The dial can be rotated in either direction. An explanation of each mode is listed below the figure.



Photo Mode

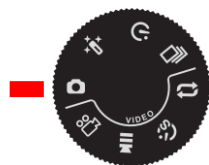
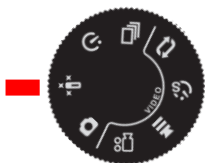


Photo mode is a photo capture mode that lets the camera make all of the setting decisions for you. The camera analyses the scene and pre-selects optimized settings to capture a clear photo. Shooting in this mode will generally result in great photos. Only one photo can be captured per shutter press.

Color Filters Mode



In Color Filters mode, your camera allows you to apply a color filter for fun and creative effects. Once in this mode, you may use the **UP** and **DOWN** buttons to cycle through B&W, Negative, Sepia, Magenta, Green, Cyan, and Normal.

Self-Timer Photo Mode



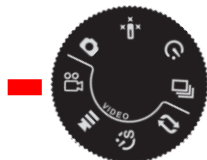
Self-Timer mode will allow you set a countdown timer to automatically capture a photo after a set elapsed duration. For example, a "3s" self-timer setting will automatically capture a photo 3 seconds after pressing the shutter button in this mode.

Burst Photo Mode



In Burst Photo mode, your camera automatically captures a series of 3 photos in quick succession. This mode works well in scenery where the subject moves around a lot while being photographed. For example, a baby or pet.

Video Mode



Video mode is a standard mode for recording video. Only one video file can be recorded per shutter press. Press the **VIDEO RECORD** button to begin recording, and press the **VIDEO RECORD** button to stop recording.

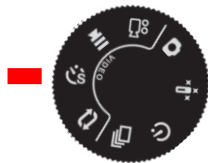
Slow Motion Mode



Slow Motion will allow you to record a slow-motion video. The camera will record a video at a higher frame rate resulting in a slower motion. The file will also play back in slower motion.

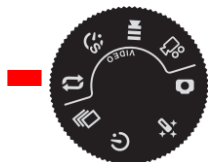
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Time Lapse Mode



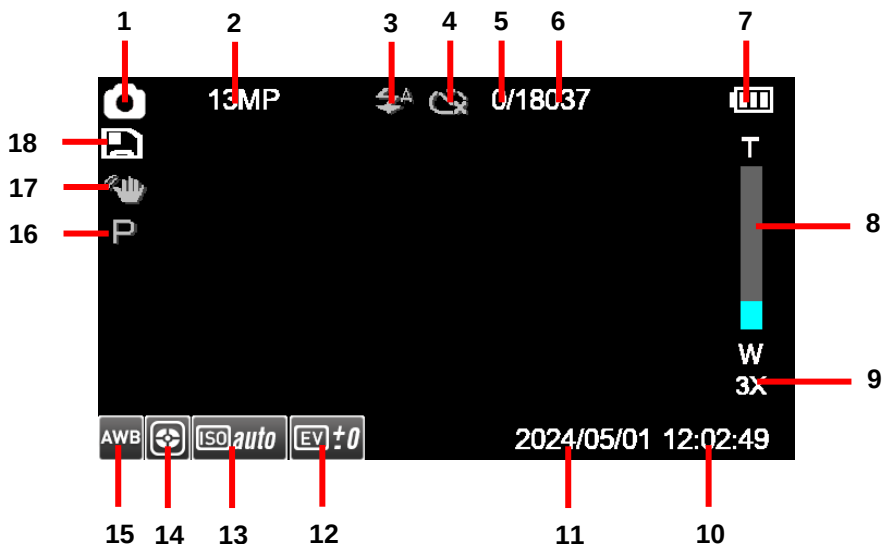
Time-lapse is a photographic technique in which the frequency at which photo frames are captured (the frame rate) is much lower than the frequency used to view the sequence. When played at normal speed, time appears to be moving faster and thus “lapsing”. For example, an photo of a scene may be captured at 1 frame per second but then played back at 30 frames per second; the result is an apparent 30 times speed increase. This mode will capture a sequence of frames at a set interval to record changes that take place slowly over time. When the frames are shown at normal speed, the action seems much faster.

Loop Recording Mode



Loop Recording is a video recording mode in which you can set a maximum duration for each video clip recorded. Once you press the Video Record button, the camera will continue recording up until the maximum duration and will then automatically begin recording a new video clip. This cycle will continue until you stop recording, or the memory card reaches maximum capacity.

1.10 Photo Capture Screen Icons



	Function:
1	Current Shooting Mode
2	Resolution
3	LED Flash Status
4	Self-Timer Status
5	Photo Number in Sequence
6	Remaining Number of Captures
7	Battery Level Status
8	Zoom Progress Bar
9	Zoom Level / Value

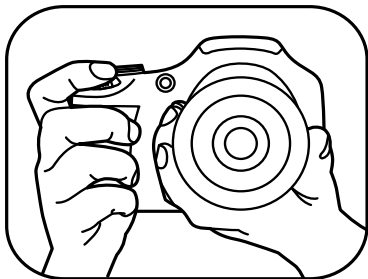
	Function:
10	Time Stamp
11	Date Stamp
12	Exposure Value Setting
13	ISO Setting
14	Metering Setting
15	White Balance Setting
16	Current Scene Mode
17	Digital Photo Stabilization Status
18	Memory Card Status

1.11 Capturing a Photo

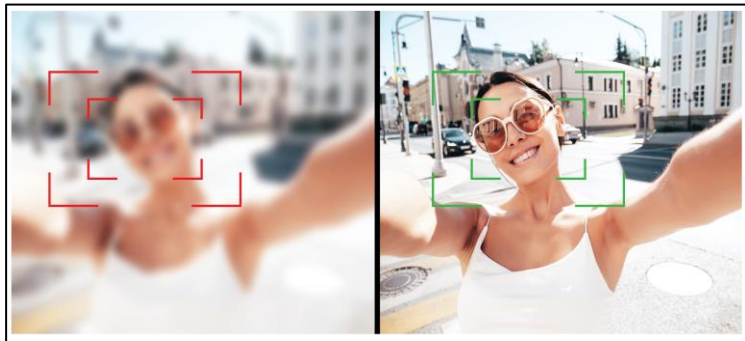
The MND35 includes an array of photo shooting modes – each with their own unique features. Capturing a photo in each mode follows similar procedures.

Once you've selected your photo shooting mode, hold the camera steady with both hands, being careful not to block the flash and lens with fingers.

- Point the lens toward the object you want to take a picture of and then frame it with the LCD monitor.
- Use the **ZOOM** buttons to select **Tele** or **Wide** positions to zoom in or out of your subject.
- Press the **SHUTTER** button halfway to focus on the subject. When the focus frame turns green, press the **SHUTTER** button down completely to capture the photo.



When half-pressing the **SHUTTER** button, the lens will attempt to focus on your intended subject. Once a satisfactory focus is achieved, the monitor will display a green rectangle to notify you that it has achieved a clear focus. You may then fully press the **SHUTTER** button to capture the photo. If the monitor displays a red rectangle, then the lens cannot achieve a clear focus and you need to adjust your shooting distance or the photo will capture blurry.



NOTES:

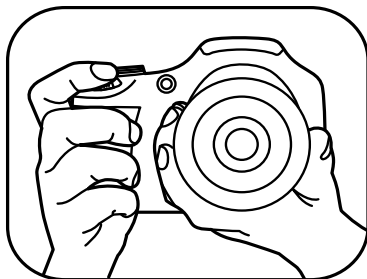
- The number of photos that can be captured at a particular resolution will be displayed at the top of the screen.
- The number of remaining photos is determined by the selected photo resolution. The higher the photo resolution setting, the lower the number of photos you are able to save to the memory card. Before capturing any photos, you can select a preferred photo resolution within the settings menu.

1.12 Capturing a Macro Photo (Close-Up)

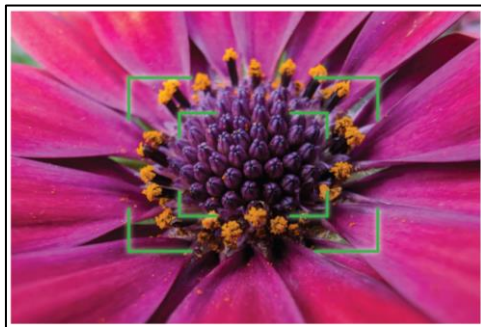
The MND35 includes an autofocusing lens and is capable of sharp macro or close-up shots. Macro photography is about showcasing a subject larger than it is in real life — an extreme close-up of something very small.

Once you've selected your shooting mode, hold the camera steady with both hands, being careful not to block the flash and lens with fingers.

- Point the lens toward the object you want to take a picture of and then frame it with the LCD monitor.
- Use the **ZOOM** buttons to select **Tele** or **Wide** positions to zoom in or out of your subject.
- Press the **SHUTTER** button halfway to focus on the subject. When the focus frame turns green, press the **SHUTTER** button down completely to capture the photo.



When half-pressing the **SHUTTER** button, the lens will attempt to focus on your intended subject. Once a satisfactory focus is achieved, the monitor will display a green rectangle to notify you that it has achieved a clear focus. You may then fully press the **SHUTTER** button capture the photo. If the monitor displays a red rectangle, then the lens cannot achieve a clear focus and you need to adjust your shooting distance or the photo will capture blurry.



NOTES:

- The number of photos that can be captured at a particular resolution will be displayed at the top of the screen.
- The number of remaining photos is determined by the selected photo resolution. The higher the photo resolution setting, the lower the number of photos you are able to be save to the memory card. Before capturing any photos, you can select a preferred photo resolution within the settings menu.

1.13 Using the Zoom Function

The MND35 is equipped with a 18x digital zoom function. Digital zoom enlarges your photo electronically by cropping and enlarging the central part of the photograph.

To operate the zoom function, push and hold the **ZOOM IN T(ele)** button to zoom in closer to the subject, and push and hold the **ZOOM OUT W(ide)** button to zoom out away from the subject.

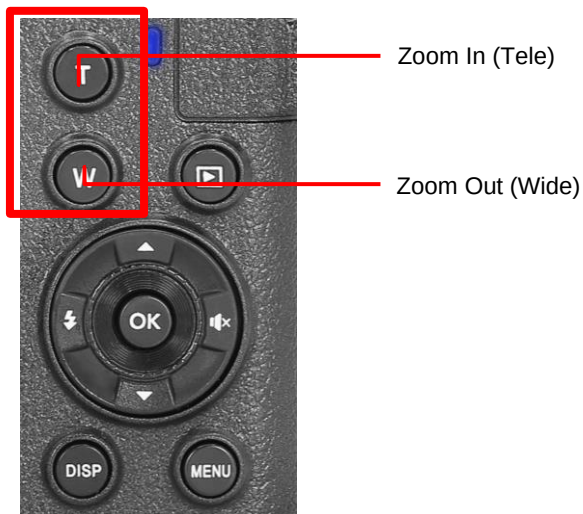


Photo Mode – Zoom Bar



Video Mode – Zoom Bar

1.14 Using the LED Flash

The MND35's built-in LED flash provides supplemental light for any scene. It is suitable for metering and shooting in darker scenes to improve the exposure. The LED flash's most effective range is 8 – 16 ft. In Video shooting modes, the flash is not available.

In Photo shooting modes only, press the **LEFT/FLASH** button to cycle through the Flash options.

Auto

Flash goes on automatically as needed based on existing light conditions.

Off

Flash is turned off.

Force

The flash goes on when a picture is taken, supplementing the existing light in a scene and helping to eliminate shadows.



Photo Mode – Flash Icon

1.15 Video Capture Screen Icons



	Function:
1	Current Shooting Mode
2	Resolution
3	Elapsed Time in Recording
4	Time Remaining / Storage
5	Battery Level Status
6	Zoom Progress Bar
7	Zoom Level / Value
8	Time Stamp

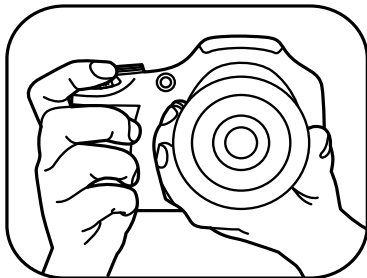
	Function:
9	Date Stamp
10	Exposure Value Setting
11	ISO Setting
12	Metering Setting
13	White Balance Setting
14	Current Scene Mode
15	Memory Card Status

1.16 Capturing a Video

The MND35 includes an array of video recording modes – each with their own unique features. Recording a video in each mode follows similar procedures.

Once you've selected your shooting mode, hold the camera steady with both hands, being careful not to block the lens with fingers.

- Point the lens toward the object you want to take a video of and then frame it with the LCD monitor.
- Use the **ZOOM** buttons to select **Tele** or **Wide** positions to zoom in or out of your subject.
- Press the **SHUTTER** button halfway to focus on the subject. When the focus frame turns green, press the **VIDEO RECORD** button to begin recording a video.

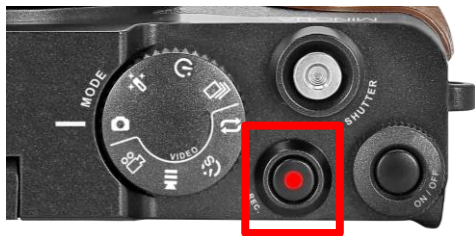


When half-pressing the **SHUTTER** button, the lens will attempt to focus on your intended subject. Once a satisfactory focus is achieved, the monitor will display a green rectangle to notify you that it has achieved a clear focus. You may then press the **VIDEO RECORD** button to begin recording a video. If the monitor displays a red rectangle, then the lens cannot achieve a clear focus and you need to adjust your shooting distance or the video might capture blurry.



You may also refocus your subject during a recording. Simply half-press the **SHUTTER** button again and the lens will attempt to refocus. If the lens tries to refocus or "hunts" for focus too often, you may disable *Auto Focus* in the settings menu.

- To stop recording, press the **VIDEO RECORD** button again. Each time you stop a recording, the camera will create a separate, new video file and save.



1.17 Using the Articulating LCD Monitor

The MND35 features an easy to use adjustable and articulating LCD monitor. The monitor can tilt by up to 180 degrees to allow for easy self-portraits and portrait or video aiming. Simple pull the monitor open and adjust to any position as desired. When opening the monitor more than half way, the monitor's hinge will snap it fully open to 180 degrees.



1.18 Connecting to a Computer

Your camera can connect to a computer to transfer photo and video files for viewing and editing, or to use your camera as a PC web cam. To connect the camera to your computer, open the protective cover on the back of the camera to access the USB-C port. Insert the small end of the USB-C plug into the camera's port and the larger end into a USB port on your computer.

NOTE: You must plug directly into an integrated USB port and not into a USB peripheral hub or extension.



Once connected and powered on, the camera's screen will display three options as follows:

USB Mode
Power Mode
USB Storage
PC Camera

Power Mode

Will allow you to just recharge the battery using your computer as a power source.

USB Storage

Will allow you to access the files on the inserted memory card via your computer.

PC Camera

Will allow the camera to function as a PC Camera/webcam.

Use the **UP** or **DOWN** buttons to select your desired mode and press the **OK** button to enter into the selected mode.

1.18.1 Transferring Media to PC

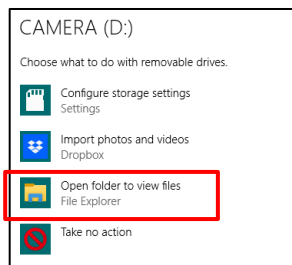
Once you've connected the USB-C cable to your computer, powered on your camera, and entered **USB Storage Mode** on your camera, your computer should recognize it immediately.

1. You should see the **AutoPlay** window pop up. Click the **AutoPlay** box in the bottom-right corner of your computer screen.



2. Select **Open folder to view files**. This will open the File Explorer. You may need to scroll down to find this option.

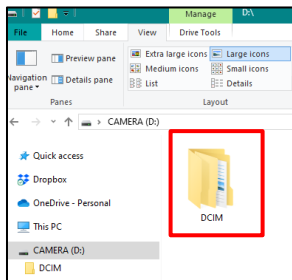
Alternatively, you can open this folder manually. Right-click the Start menu and click **File Explorer**. Click **This PC** listed on the left panel, and then find the drive of your memory card.



3. Click **DCIM**. You may see the photos immediately. In most cases, photos will be in folder labeled DCIM (Digital Camera Photos), or in another subfolder with the DCIM folder.

4. Select the photos you want to transfer. You can transfer individual photos, or press **CTRL + A** on your keyboard to select all the photos in the folder.

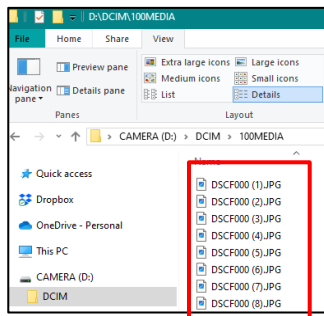
To select multiple photos, hold **CTRL** and click each photo.



5. Drag the pictures to a new location on your PC. You can drag the photos into the **Pictures** folder, or you can create a new folder.

The amount of time it takes to transfer will depend on the number of files being copied, the files sizes, and your computer's specifications.

If you want to delete the photos from your camera's memory card, wait for the files to finish transferring to your computer. Return to the memory card's folder and press **CTRL + A** to select all the photos. Right-click the photos, then click **Delete**.



1.19 Camera Settings Menu Explanation

The settings menu adapts based on the current shooting mode of the camera. For example, when in **Photo** mode, the setting menu will only display the settings relevant to **Photo** mode. When in **Video** mode, the settings menu will only display the settings relevant to **Video** mode etc.

To access the settings menu, press the **MENU** button. Once in the menu, use the **UP**, **DOWN**, **LEFT**, and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button. To exit the settings menu, press the **MENU** button again.

The layout of this User Manual will first explain a shooting mode and will then explain the settings menu for each shooting mode.

Using the Camera – Photo Capture

2.0 Photo Shooting Modes

The MND35 features four separate Photo Shooting modes as explained below.



Photo Mode:

Photo mode is a photo capture mode that lets the camera make all of the setting decisions for you. The camera analyses the scene and pre-selects optimized settings to capture a clear photo. Shooting in this mode will generally result in great photos. Only one photo can be captured per shutter press.



Color Filters Mode:

In Color Filters mode, your camera allows you to apply a color filter for fun and creative effects. Once in this mode, you may use the **UP** and **DOWN** buttons to cycle through B&W, Negative, Sepia, Magenta, Green, Cyan, and Normal.



Self-Timer:

Self-Timer mode will allow you set a countdown timer to automatically capture a photo after a set elapsed duration. For example, a “3-second” self-timer setting will automatically capture a photo 3 seconds after pressing the shutter button in this mode.



Burst Photo:

In Burst Photo mode, your camera automatically captures a series of 3 photos in quick succession. This mode works well in scenery where the subject moves around a lot while being photographed. For example, a baby or pet.

2.1 Photo Mode

Power the camera on and rotate the **Shooting Mode Dial** at the top of the camera to **Photo** mode. The dial can be rotated in either direction.



Photo Mode

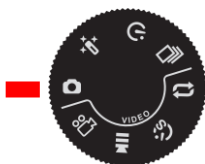


Photo mode is a photo capture mode that lets the camera make all of the setting decisions for you. The camera analyses the scene and pre-selects optimized settings to capture a clear photo. Shooting in this mode will generally result in great photos. Only one photo can be captured per shutter press.

1. Point the lens toward the object you want to take a picture of and then frame it with the LCD monitor.
2. Use the **ZOOM** buttons to select **Tele** or **Wide** positions to zoom in or out of your subject.
3. Press the **SHUTTER** button halfway to focus on the subject. When the focus frame turns green, press the **SHUTTER** button down completely to capture the photo.

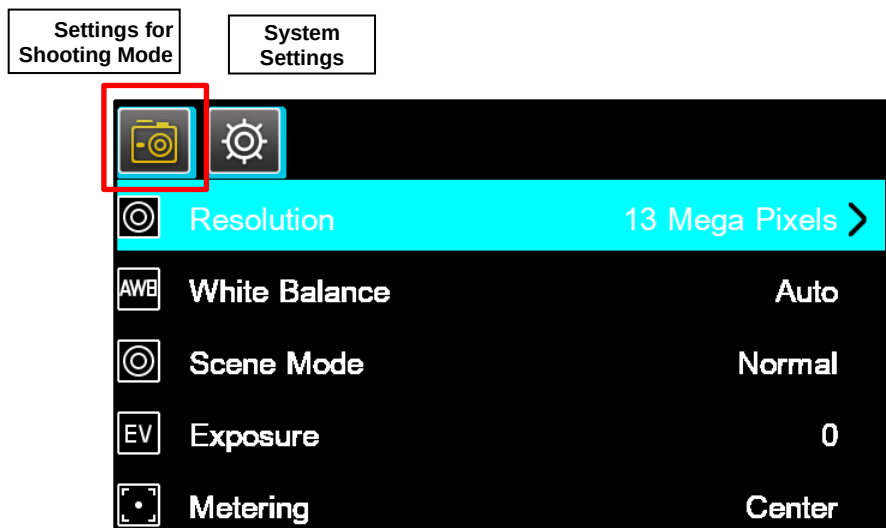
When half-pressing the **SHUTTER** button, the lens will attempt to focus on your intended subject. Once a satisfactory focus is achieved, the monitor will display a green rectangle TO notify you that it has achieved a clear focus. You may then fully press the **SHUTTER** button to capture the photo. If the monitor displays a red rectangle, then the lens cannot achieve a clear focus and you need to adjust your shooting distance or the photo will capture blurry.

- The number of photos that can be captured at a particular resolution will be displayed at the top of the screen.
- The number of remaining photos is determined by the selected photo resolution. The higher the photo resolution setting, the lower the number of photos you are able to be save to the memory card. Before capturing any photos, you can select a preferred photo resolution within the settings menu.

2.1.1 Photo Mode Settings

The settings menu adapts based on the current selected shooting mode. To access the settings menu, press the **MENU** button. Once in the menu, use the **UP**, **DOWN**, **LEFT**, and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button.

The setting menu is separated by two submenus. The top-left most icon represents settings relevant to the current selected shooting mode. The right side icon represents general settings related to the general operation of the camera.



To cycle between the submenu icons, use the **LEFT** and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button. To exit the settings menu, press the **MENU** button again.

2.1.2 Resolution

This menu sets the photo resolution. The higher the resolution, the greater the photo quality and the larger the file size of the photo.

1. In Photo Mode press the **MENU** button.
2. Select the Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '**Resolution**' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *64 Mega Pixels*, *48 Mega Pixels*, *36 Mega Pixels*, and *13 Mega Pixels*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.1.3 White Balance

White Balance changes the color of light in your pictures, making it seem warmer or cooler depending on how the light you're shooting in affects the frame.

1. In Photo Mode press the **MENU** button.
2. Select the Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '**White Balance**' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Auto*, *Sunny*, *Cloudy*, *Incandescent*, and *Fluorescence*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.1.4 Scene Mode

Scene modes are pre-programmed settings that change your camera's aperture, shutter speed, ISO, white balance, focus, and flash according to the type of scene you want to capture. They are designed to make your life easier by taking care of the technical aspects of exposure and color for you.

1. In Photo Mode press the **MENU** button.
2. Select the Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '**Scene Mode**' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Normal*, *Scenery*, *Beach*, *Night View*, *Portrait*, and *Sport*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.1.5 Exposure

This menu adjusts the frame brightness in your scene.

1. In Photo Mode press the **MENU** button.
2. Select the Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Exposure*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from +3, +2, +1, 0, -1, -2, and -3.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.1.6 Metering

Metering refers to the way in which a camera determines the appropriate exposure (quantity of light reaching the camera lens). Average metering will only base the exposure setting on an overall light of the scene. Center metering will use the light from the center of the monitor.

1. In Photo Mode press the **MENU** button.
2. Select the Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Metering*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Average* and *Center*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.1.7 Sharpness

This menu adjusts the visible detail of a photograph.

1. In Photo Mode press the **MENU** button.
2. Select the Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Sharpness*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Low*, *Middle*, and *High*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.1.8 Photo Quality

This menu adjusts the visible detail of a photograph by determining the level of compression that the camera uses when saving photos to a memory card. For example, *High* uses the least amount of compression for saving, and as a result produces a higher photo quality.

1. In Photo Mode press the **MENU** button.
2. Select the Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Photo Quality*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Low*, *Middle*, and *High*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.1.9 ISO

This menu adjusts the light sensitivity in your photo. If you are unsure which setting suits best, select Auto and the camera will adjust the ISO as needed depending on the scene and shot.

1. In Photo Mode press the **MENU** button.
2. Select the Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*ISO*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Auto*, *100*, *200*, *400*, *800*, *1600*, *3200*, and *6400*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.1.10 Date & Time Stamp

This setting allows you to imprint a date & time onto your captured photo files. Once a photo file is captured with the imprint, the imprint cannot be removed.

1. In Photo Mode press the **MENU** button.
2. Select the Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Date & Time Stamp*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable or disable the setting.
4. Press the **MENU** button to exit the settings menu.

2.1.11 Digital Photo Stabilization

This setting enables capture in high speed and low-light by electronically minimizing motion blur and reducing camera shake.

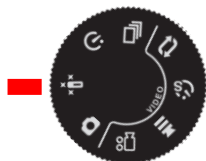
1. In Photo Mode press the **MENU** button.
2. Select the Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Digital Photo Stabilization*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable or disable the setting.
4. Press the **MENU** button to exit the settings menu.

2.2 Color Filters Mode

Power the camera on and rotate the **Shooting Mode Dial** at the top of the camera to **Color Filters** mode. The dial can be rotated in either direction.



Color Filters Mode



In Color Filters mode, your camera allows you to apply a color filter for fun and creative effects. Once in this mode, you may use the **UP** and **DOWN** buttons to cycle through B&W, Negative, Sepia, Magenta, Green, Cyan, and Normal.

1. Point the lens toward the object you want to take a picture of and then frame it with the LCD monitor.
2. Use the **ZOOM** buttons to select **Tele** or **Wide** positions to zoom in or out of your subject.
3. Press the **SHUTTER** button halfway to focus on the subject. When the focus frame turns green, press the **SHUTTER** button down completely to capture the photo.

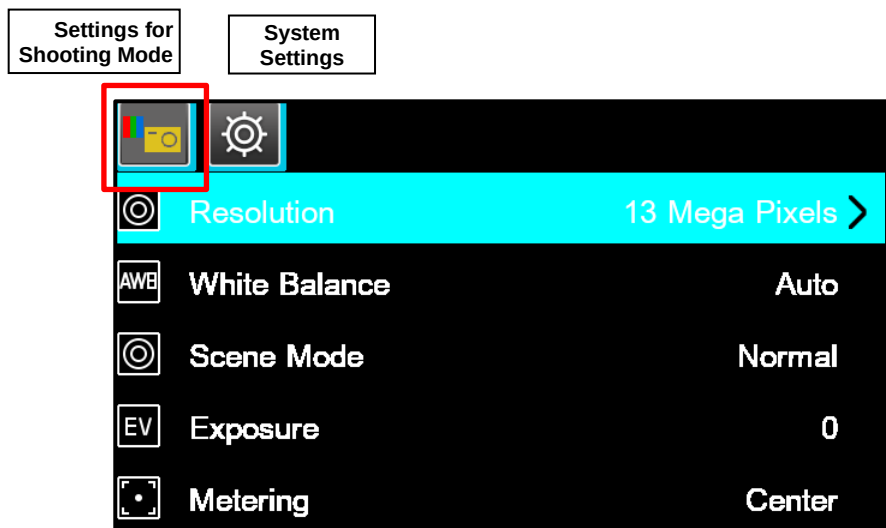
When half-pressing the **SHUTTER** button, the lens will attempt to focus on your intended subject. Once a satisfactory focus is achieved, the monitor will display a green rectangle TO notify you that it has achieved a clear focus. You may then fully press the **SHUTTER** button to the capture the photo. If the monitor displays a red rectangle, then the lens cannot achieve a clear focus and you need to adjust your shooting distance or the photo will capture blurry.

- The number of photos that can be captured at a particular resolution will be displayed at the top of the screen.
- The number of remaining photos is determined by the selected photo resolution. The higher the photo resolution setting, the lower the number of photos you are able to be save to the memory card. Before capturing any photos, you can select a preferred photo resolution within the settings menu.

2.2.1 Color Filters Mode Settings

The settings menu adapts based on the current selected shooting mode. To access the settings menu, press the **MENU** button. Once in the menu, use the **UP**, **DOWN**, **LEFT**, and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button.

The setting menu is separated by two submenus. The top-left most icon represents settings relevant to the current selected shooting mode. The right side icon represents general settings related to the general operation of the camera.



To cycle between the submenu icons, use the **LEFT** and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button. To exit the settings menu, press the **MENU** button again.

2.2.2 Resolution

This menu sets the photo resolution. The higher the resolution, the greater the photo quality and the larger the file size of the photo.

1. In Color Filters Mode press the **MENU** button.
2. Select the Color Filters Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Resolution*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *64 Mega Pixels*, *48 Mega Pixels*, *36 Mega Pixels*, and *13 Mega Pixels*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.2.3 White Balance

White Balance changes the color of light in your pictures, making it seem warmer or cooler depending on how the light you're shooting in affects the frame.

1. In Color Filters Mode press the **MENU** button.
 2. Select the Color Filters Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
 3. Select '*White Balance*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
 4. You may select from *Auto*, *Sunny*, *Cloudy*, *Incandescent*, and *Fluorescence*.
 5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
- Press the **MENU** button to exit the settings menu.

2.2.4 Scene Mode

Scene modes are pre-programmed settings that change your camera's aperture, shutter speed, ISO, white balance, focus, and flash according to the type of scene you want to capture. They are designed to make your life easier by taking care of the technical aspects of exposure and color for you.

1. In Color Filters Mode press the **MENU** button.
2. Select the Color Filters Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Scene Mode*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Normal*, *Scenery*, *Beach*, *Night View*, *Portrait*, and *Sport*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.2.5 Exposure

This menu adjusts the frame brightness in your scene.

1. In Color Filters Mode press the **MENU** button.
2. Select the Color Filters Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Exposure*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from +3, +2, +1, 0, -1, -2, and -3.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.2.6 Metering

Metering refers to the way in which a camera determines the appropriate exposure (quantity of light reaching the camera lens). Average metering will only base the exposure setting on an overall light of the scene. Center metering will use the light from the center of the monitor.

1. In Color Filters Mode press the **MENU** button.
2. Select the Color Filters Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Metering*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Average* and *Center*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.2.7 Sharpness

This menu adjusts the visible detail of a photograph.

1. In Color Filters Mode press the **MENU** button.
2. Select the Color Filters Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Sharpness*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Low*, *Middle*, and *High*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.2.8 Photo Quality

This menu adjusts the visible detail of a photograph by determining the level of compression that the camera uses when saving photos to a memory card. For example, *High* uses the least amount of compression for saving, and as a result produces a higher photo quality.

1. In Color Filters Mode press the **MENU** button.
2. Select the Color Filters Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Photo Quality*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Low*, *Middle*, and *High*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.2.9 ISO

This menu adjusts the light sensitivity in your photo. If you are unsure which setting suits best, select Auto and the camera will adjust the ISO as needed depending on the scene and shot.

1. In Color Filters Mode press the **MENU** button.
2. Select the Color Filters Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*ISO*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Auto*, *100*, *200*, *400*, *800*, *1600*, *3200*, and *6400*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.2.10 Date & Time Stamp

This setting allows you to imprint a date & time onto your captured photo files. Once a photo file is captured with the imprint, the imprint cannot be removed.

1. In Color Filters Mode press the **MENU** button.
2. Select the Color Filters Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Date & Time Stamp*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable or disable the setting.
4. Press the **MENU** button to exit the settings menu.

2.2.11 Digital Photo Stabilization

This setting enables capture in high speed and low-light by electronically minimizing motion blur and reducing camera shake.

1. In Color Filters Mode press the **MENU** button.
2. Select the Color Filters Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Digital Photo Stabilization*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable or disable the setting.
4. Press the **MENU** button to exit the settings menu.

2.3 Self Timer Photo Mode

Power the camera on and rotate the **Shooting Mode Dial** at the top of the camera to **Self Timer Photo** mode. The dial can be rotated in either direction.



Self Timer Photo Mode



Self-Timer mode will allow you set a countdown timer to automatically capture a photo after a set elapsed duration. For example, a “3s” self-timer setting will automatically capture a photo 3 seconds after pressing the shutter button in this mode.

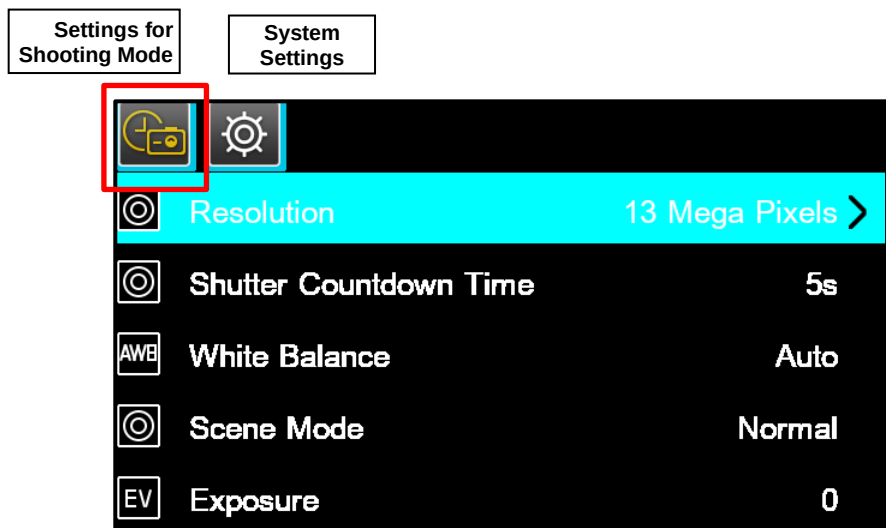
1. Point the lens toward the object you want to take a picture of and then frame it with the LCD monitor.
2. Use the **ZOOM** buttons to select **Tele** or **Wide** positions to zoom in or out of your subject.
3. Press the **SHUTTER** button halfway to focus on the subject. When the focus frame turns green, press the **SHUTTER** button down completely to capture the photo. The pre-selected timer will begin to count down and will capture a photo once the time has elapsed. For example, if the setting is “10s”, the camera will countdown 10 seconds and then automatically capture a photo.

When half-pressing the **SHUTTER** button, the lens will attempt to focus on your intended subject. Once a satisfactory focus is achieved, the monitor will display a green rectangle TO notify you that it has achieved a clear focus. You may then fully press the **SHUTTER** button to capture the photo. If the monitor displays a red rectangle, then the lens cannot achieve a clear focus and you need to adjust your shooting distance or the photo will capture blurry.

2.3.1 Self Timer Mode Settings

The settings menu adapts based on the current selected shooting mode. To access the settings menu, press the **MENU** button. Once in the menu, use the **UP**, **DOWN**, **LEFT**, and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button.

The setting menu is separated by two submenus. The top-left most icon represents settings relevant to the current selected shooting mode. The right side icon represents general settings related to the general operation of the camera.



To cycle between the submenu icons, use the **LEFT** and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button. To exit the settings menu, press the **MENU** button again.

2.3.2 Resolution

This menu sets the photo resolution. The higher the resolution, the greater the photo quality and the larger the file size of the photo.

1. In Self Timer Photo Mode press the **MENU** button.
2. Select the Self Timer Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Resolution*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *64 Mega Pixels*, *48 Mega Pixels*, *36 Mega Pixels*, and *13 Mega Pixels*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.3.3 Shutter Countdown Time

This menu will allow you set the countdown timer for which the camera will wait before capturing a photo with each shutter button press. For example, a setting of 2s will set the camera to countdown 2 seconds before capturing a photo in Self-Timer mode.

1. In Self Timer Photo Mode press the **MENU** button.
2. Select the Self Timer Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Shutter Countdown Time*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *2s*, *5s*, and *10s*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.3.4 White Balance

White Balance changes the color of light in your pictures, making it seem warmer or cooler depending on how the light you're shooting in affects the frame.

1. In Self Timer Photo Mode press the **MENU** button.
2. Select the Self Timer Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*White Balance*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Auto*, *Sunny*, *Cloudy*, *Incandescent*, and *Fluorescence*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.3.5 Scene Mode

Scene modes are pre-programmed settings that change your camera's aperture, shutter speed, ISO, white balance, focus, and flash according to the type of scene you want to

capture. They are designed to make your life easier by taking care of the technical aspects of exposure and color for you.

1. In Self Timer Photo Mode press the **MENU** button.
2. Select the Self Timer Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Scene Mode*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Normal*, *Scenery*, *Beach*, *Night View*, *Portrait*, and *Sport*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.3.6 Exposure

This menu adjusts the frame brightness in your scene.

1. In Self Timer Photo Mode press the **MENU** button.
2. Select the Self Timer Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Exposure*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from +3, +2, +1, 0, -1, -2, and -3.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.3.7 Metering

Metering refers to the way in which a camera determines the appropriate exposure (quantity of light reaching the camera lens). Average metering will only base the exposure setting on an overall light of the scene. Center metering will use the light from the center of the monitor.

1. In Self Timer Photo Mode press the **MENU** button.
2. Select the Self Timer Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Metering*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Average* and *Center*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.3.8 Sharpness

This menu adjusts the visible detail of a photograph.

1. In Self Timer Photo Mode press the **MENU** button.
2. Select the Self Timer Photo Mode icon on the top left side of the screen by using the

LEFT and **RIGHT** buttons to navigate.

3. Select '**Sharpness**' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Low*, *Middle*, and *High*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.3.9 Photo Quality

This menu adjusts the visible detail of a photograph by determining the level of compression that the camera uses when saving photos to a memory card. For example, *High* uses the least amount of compression for saving, and as a result produces a higher photo quality.

1. In Self Timer Photo Mode press the **MENU** button.
2. Select the Self Timer Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '**Photo Quality**' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Low*, *Middle*, and *High*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.3.10 ISO

This menu adjusts the light sensitivity in your photo. If you are unsure which setting suits best, select Auto and the camera will adjust the ISO as needed depending on the scene and shot.

1. In Self Timer Photo Mode press the **MENU** button.
2. Select the Self Timer Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '**ISO**' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Auto*, *100*, *200*, *400*, *800*, *1600*, *3200*, and *6400*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.3.11 Date & Time Stamp

This setting allows you to imprint a date & time onto your captured photo files. Once a photo file is captured with the imprint, the imprint cannot be removed.

1. In Self Timer Photo Mode press the **MENU** button.
2. Select the Self Timer Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '**Date & Time Stamp**' using the **UP** or **DOWN** buttons, and press the **OK** button

to enable or disable the setting.

4. Press the **MENU** button to exit the settings menu.

2.3.12 Digital Photo Stabilization

This setting enables capture in high speed and low-light by electronically minimizing motion blur and reducing camera shake.

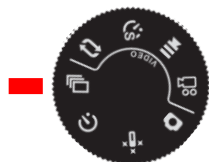
1. In Self Timer Mode press the **MENU** button.
2. Select the Self Timer Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Digital Photo Stabilization*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable or disable the setting.
4. Press the **MENU** button to exit the settings menu.

2.4 Burst Photo Mode

Power the camera on and rotate the **Shooting Mode Dial** at the top of the camera to **Burst Photo** mode. The dial can be rotated in either direction.



Burst Photo Mode



In Burst Photo mode, your camera automatically captures a series of 3 photos in quick succession. This mode works well in scenery where the subject being photographed moves around a lot while being photographed. For example, a baby or pet.

1. Point the lens toward the object you want to take a picture of and then frame it with the LCD monitor.
2. Use the **ZOOM** buttons to select **Tele** or **Wide** positions to zoom in or out of your subject.
3. Press the **SHUTTER** button halfway to focus on the subject. When the focus frame turns green, press the **SHUTTER** button down completely to capture the photo. The camera will then capture a series of 3 photos in quick succession.

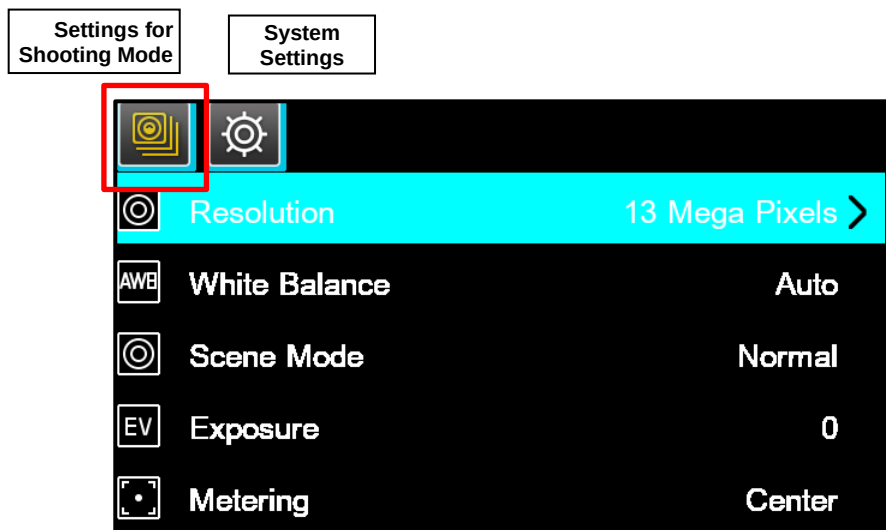
When half-pressing the **SHUTTER** button, the lens will attempt to focus on your intended subject. Once a satisfactory focus is achieved, the monitor will display a green rectangle to notify you that it has achieved a clear focus. You may then fully press the **SHUTTER** button to capture the photo. If the monitor displays a red rectangle, then the lens cannot achieve a clear focus and you need to adjust your shooting distance or the photo will capture blurry.

- The number of photos that can be captured at a particular resolution will be displayed at the top of the screen.
- The number of remaining photos is determined by the selected photo resolution. The higher the photo resolution setting, the lower the number of photos you are able to be saved to the memory card. Before capturing any photos, you can select a preferred photo resolution within the settings menu.

2.4.1 Burst Photo Mode Settings

The settings menu adapts based on the current selected shooting mode. To access the settings menu, press the **MENU** button. Once in the menu, use the **UP**, **DOWN**, **LEFT**, and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button.

The setting menu is separated by two submenus. The top-left most icon represents settings relevant to the current selected shooting mode. The right side icon represents general settings related to the general operation of the camera.



To cycle between the submenu icons, use the **LEFT** and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button. To exit the settings menu, press the **MENU** button again.

2.4.2 Resolution

This menu sets the photo resolution. The higher the resolution, the greater the photo quality and the larger the file size of the photo.

1. In Burst Photo Mode press the **MENU** button.
2. Select the Burst Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '**Resolution**' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may only select *13 Mega Pixels*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.4.3 White Balance

White Balance changes the color of light in your pictures, making it seem warmer or cooler depending on how the light you're shooting in affects the frame.

1. In Burst Photo Mode press the **MENU** button.
2. Select the Burst Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '**White Balance**' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Auto*, *Sunny*, *Cloudy*, *Incandescent*, and *Fluorescence*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.4.4 Scene Mode

Scene modes are pre-programmed settings that change your camera's aperture, shutter speed, ISO, white balance, focus, and flash according to the type of scene you want to capture. They are designed to make your life easier by taking care of the technical aspects of exposure and color for you.

1. In Burst Photo Mode press the **MENU** button.
2. Select the Burst Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '**Scene Mode**' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Normal*, *Scenery*, *Beach*, *Night View*, *Portrait*, and *Sport*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.4.5 Exposure

This menu adjusts the frame brightness in your scene.

1. In Burst Photo Mode press the **MENU** button.
2. Select the Burst Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Exposure*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from +3, +2, +1, 0, -1, -2, and -3.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.4.6 Metering

Metering refers to the way in which a camera determines the appropriate exposure (quantity of light reaching the camera lens). Average metering will only base the exposure setting on an overall light of the scene. Center metering will use the light from the center of the monitor.

1. In Burst Photo Mode press the **MENU** button.
2. Select the Burst Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
4. Select '*Metering*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
5. You may select from *Average* and *Center*.
6. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
7. Press the **MENU** button to exit the settings menu.

2.4.7 Sharpness

This menu adjusts the visible detail of a photograph.

1. In Burst Photo Mode press the **MENU** button.
2. Select the Burst Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Sharpness*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Low*, *Middle*, and *High*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.4.8 Photo Quality

This menu adjusts the visible detail of a photograph by determining the level of compression that the camera uses when saving photos to a memory card. For example, *High* uses the least amount of compression for saving, and as a result produces a higher photo quality.

1. In Burst Photo Mode press the **MENU** button.
2. Select the Burst Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Photo Quality*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Low*, *Middle*, and *High*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.4.9 ISO

This menu adjusts the light sensitivity in your photo. If you are unsure which setting suits best, select Auto and the camera will adjust the ISO as needed depending on the scene and shot.

1. In Burst Photo Mode press the **MENU** button.
2. Select the Burst Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*ISO*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Auto*, *100*, *200*, *400*, *800*, *1600*, *3200*, and *6400*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

2.4.10 Date & Time Stamp

This setting allows you to imprint a date & time onto your captured photo files. Once a photo file is captured with the imprint, the imprint cannot be removed.

1. In Burst Photo Mode press the **MENU** button.
2. Select the Burst Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Date & Time Stamp*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable or disable the setting.
4. Press the **MENU** button to exit the settings menu.

2.4.11 Digital Photo Stabilization

This setting enables capture in high speed and low-light by electronically minimizing motion blur and reducing camera shake.

1. In Burst Photo Mode press the **MENU** button.
2. Select the Burst Photo Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Digital Photo Stabilization*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable or disable the setting.
4. Press the **MENU** button to exit the settings menu.

Using the Camera – Video Capture

3.0 Video Shooting Modes

The MND35 features four separate video shooting modes as explained below.



Video Mode:

Video Mode is a standard video recording mode. Only one video file can be recorded per shutter press. Press the shutter button to begin recording, and press the shutter button to stop recording.



Slow Motion Mode:

Slow Motion will allow you to record a slow-motion video. The camera will record a video at a higher frame rate resulting in a slower motion. The file will also play back in slower motion.



Time Lapse Mode:

Time-lapse photography is a photographic technique in which the frequency at which photo frames are captured (the frame rate) is much lower than the frequency used to view the sequence. When played at normal speed, time appears to be moving faster and thus “lapsing”. For example, an photo of a scene may be captured at 1 frame per second but then played back at 30 frames per second; the result is an apparent 30 times speed increase. This mode will capture a sequence of frames at a set interval to record changes that take place slowly over time. When the frames are shown at normal speed, the action seems much faster.



Loop Recording Mode:

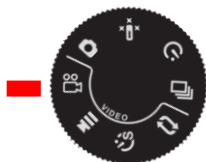
Loop Recording is a video recording mode in which you can set a maximum duration for each video clip recorded. Once you press the Video Record button, the camera will continue recording up until the maximum duration and will then automatically begin recording a new video clip. This cycle will continue until you stop recording, or the memory card reaches maximum capacity.

3.1 Video Mode

Power the camera on and rotate the **Shooting Mode Dial** at the top of the camera to **Video** mode. The dial can be rotated in either direction.



Video Mode



Video Mode is a standard video recording mode. Only one video file can be recorded per shutter press. Press the shutter button to begin recording, and press the shutter button to stop recording.

1. Point the lens toward the object you want to take a picture of and then frame it with the LCD monitor.
2. Use the **ZOOM** buttons to select **Tele** or **Wide** positions to zoom in or out of your subject.
3. Press the **SHUTTER** button halfway to focus on the subject. When the focus frame turns green, press the **VIDEO RECORD** button to begin recording a video.
4. When half-pressing the **SHUTTER** button, the lens will attempt to focus on your intended subject. Once a satisfactory focus is achieved, the monitor will display a green rectangle to notify you that it has achieved a clear focus. You may then press the **VIDEO RECORD** button to begin recording a video. If the monitor displays a red rectangle, then the lens cannot achieve a clear focus and you need to adjust your shooting distance or the photo will capture blurry.

5. You may also refocus your subject during a recording. Simply half-press the **SHUTTER** button again and the lens will attempt to refocus. If the lens tries to refocus or “hunts” for focus too often, you may disable *Auto Focus* in the settings menu.
6. To stop recording, press the **VIDEO RECORD** button again. Each time you stop a recording, the camera will create a separate, new video file and save.



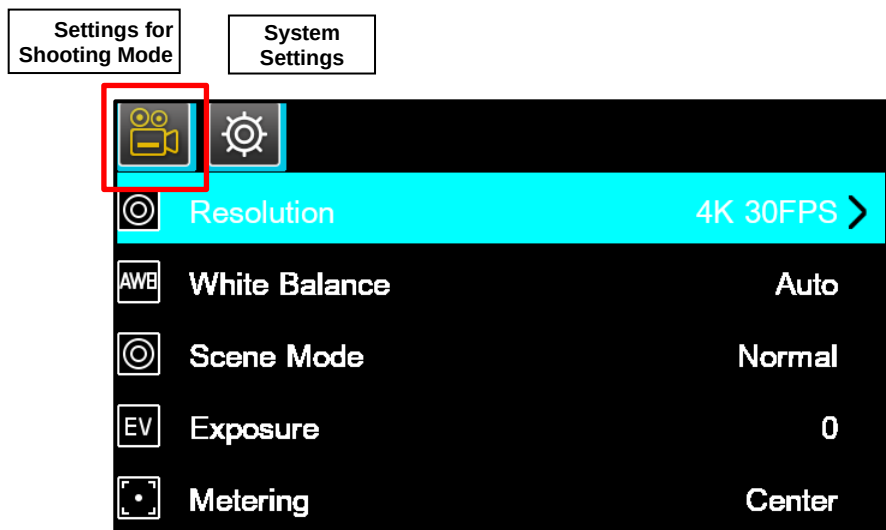
During a recording, the time counter will incrementally increase with each passing second.

During standby, the available time duration of video recordings that can be captured at a particular resolution will be displayed at the bottom right corner of the screen. The available recording time is determined by the selected video resolution. The higher the resolution setting, the less amount of recording time you are able to be save to the memory card. Before recording any video, you can select a preferred resolution within the settings menu.

3.1.1 Video Mode Settings

The settings menu adapts based on the current selected shooting mode. To access the settings menu, press the **MENU** button. Once in the menu, use the **UP**, **DOWN**, **LEFT**, and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button.

The setting menu is separated by two submenus. The top-left most icon represents settings relevant to the current selected shooting mode. The right side icon represents general settings related to the general operation of the camera.



To cycle between the submenu icons, use the **LEFT** and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button. To exit the settings menu, press the **MENU** button again.

3.1.2 Resolution

This menu sets the video resolution. The higher the resolution, the greater the video quality and the larger the file size of the recorded video.

1. In Video Mode press the **MENU** button.
2. Select the Video Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '**Resolution**' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *4K 30FPS*, *2.7K 30FPS*, *1080P 60FPS*, and *1080P 30FPS*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.1.3 White Balance

White Balance changes the color of light in your videos, making it seem warmer or cooler depending on how the light you're shooting in affects the frame.

1. In Video Mode press the **MENU** button.
2. Select the Video Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '**White Balance**' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Auto*, *Sunny*, *Cloudy*, *Incandescent*, and *Fluorescence*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.1.4 Scene Mode

Scene modes are pre-programmed settings that change your camera's aperture, shutter speed, ISO, white balance, and focus, according to the type of scene you want to capture. They are designed to make your life easier by taking care of the technical aspects of exposure and color for you.

1. In Video Mode press the **MENU** button.
2. Select the Video Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '**Scene Mode**' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Normal*, *Scenery*, *Beach*, *Night View*, *Portrait*, and *Sport*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.1.5 Exposure

This menu adjusts the frame brightness in your scene.

1. In Video Mode press the **MENU** button.
2. Select the Video Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Exposure*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from +3, +2, +1, 0, -1, -2, and -3.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.1.6 Metering

Metering refers to the way in which a camera determines the appropriate exposure (quantity of light reaching the camera lens). Average metering will only base the exposure setting on an overall light of the scene. Center metering will use the light from the center of the monitor.

1. In Video Mode press the **MENU** button.
2. Select the Video Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Metering*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Average* and *Center*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.1.7 Sharpness

This menu adjusts the visible detail of a video.

1. In Video Mode press the **MENU** button.
2. Select the Video Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Sharpness*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Low*, *Middle*, and *High*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.1.8 Video Quality

This menu adjusts the visible detail of a video by determining the level of compression that the camera uses when saving photos to a memory card. For example, *High* uses the least amount of compression for saving, and as a result produces a higher video quality.

1. In Video Mode press the **MENU** button.
2. Select the Video Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Video Quality*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Low*, *Middle*, and *High*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.1.9 ISO

This menu adjusts the light sensitivity in your video. If you are unsure which setting suits best, select Auto and the camera will adjust the ISO as needed depending on the scene and shot.

1. In Video Mode press the **MENU** button.
2. Select the Video Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*ISO*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Auto*, *100*, *200*, *400*, *800*, *1600*, *3200*, and *6400*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.1.10 Date & Time Stamp

This setting allows you to imprint a date & time onto your captured video files. Once a video file is captured with the imprint, the imprint cannot be removed.

1. In Video Mode press the **MENU** button.
2. Select the Video Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Date & Time Stamp*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable or disable the setting.
4. Press the **MENU** button to exit the settings menu.

3.1.11 Auto Focus

This setting allows to set whether the lens will continuously autofocus during a video recording, or will lock the focus as set before beginning a recording.

1. In Video Mode press the **MENU** button.
2. Select the Video Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Auto Focus*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable or disable the setting.
4. Press the **MENU** button to exit the settings menu.

3.2 Slow Motion Mode

Power the camera on and rotate the **Shooting Mode Dial** at the top of the camera to **Slow Motion** mode. The dial can be rotated in either direction.



Slow Motion Mode



Slow Motion will allow you to record a slow-motion video. The camera will record a video at a higher frame rate resulting in a slower motion. The file will also play back in slower motion.

1. Point the lens toward the object you want to take a picture of and then frame it with the LCD monitor.
2. Use the **ZOOM** buttons to select **Tele** or **Wide** positions to zoom in or out of your subject.
3. Press the **SHUTTER** button halfway to focus on the subject. When the focus frame turns green, press the **VIDEO RECORD** button to begin recording a video.
4. When half-pressing the **SHUTTER** button, the lens will attempt to focus on your intended subject. Once a satisfactory focus is achieved, the monitor will display a green rectangle to notify you that it has achieved a clear focus. You may then press the **VIDEO RECORD** button to begin recording a video. If the monitor displays a red rectangle, then the lens cannot achieve a clear focus and you need to adjust your shooting distance or the photo will capture blurry.

5. You may also refocus your subject during a recording. Simply half-press the **SHUTTER** button again and the lens will attempt to refocus. If the lens tries to refocus or “hunts” for focus too often, you may disable *Auto Focus* in the settings menu.
6. To stop recording, press the **VIDEO RECORD** button again. Each time you stop a recording, the camera will create a separate, new video file and save.



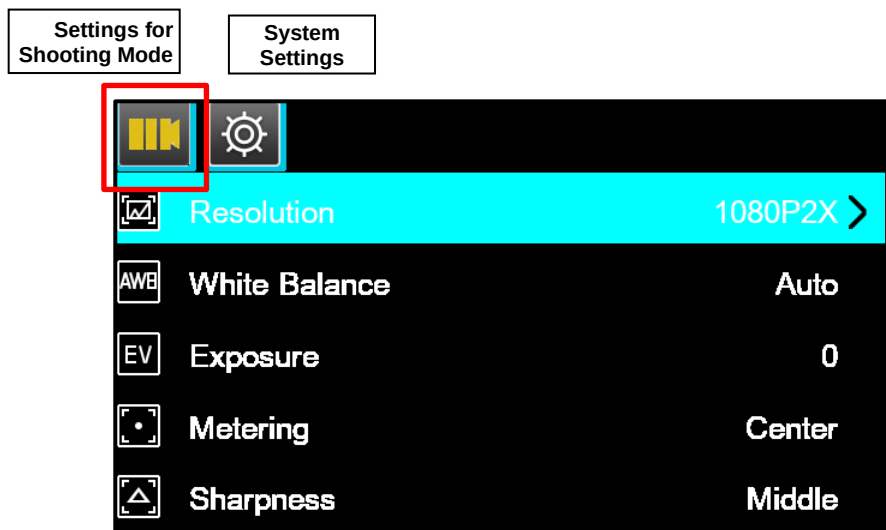
During a recording, the time counter will incrementally increase with each passing second.

During standby, the available time duration of video recordings that can be captured at a particular resolution will be displayed at the bottom right corner of the screen. The available recording time is determined by the selected video resolution. The higher the resolution setting, the less amount of recording time you are able to save to the memory card. Before recording any video, you can select a preferred resolution within the settings menu.

3.2.1 Slow Motion Mode Settings

The settings menu adapts based on the current selected shooting mode. To access the settings menu, press the **MENU** button. Once in the menu, use the **UP**, **DOWN**, **LEFT**, and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button.

The setting menu is separated by two submenus. The top-left most icon represents settings relevant to the current selected shooting mode. The right side icon represents general settings related to the general operation of the camera.



To cycle between the submenu icons, use the **LEFT** and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button. To exit the settings menu, press the **MENU** button again.

3.2.2 Resolution

This menu sets the video resolution. The higher the resolution, the greater the video quality and the larger the file size of the recorded video.

1. In Slow Motion Mode press the **MENU** button.
2. Select the Slow Motion Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '**Resolution**' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select only from *1080P2X*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.2.3 White Balance

White Balance changes the color of light in your videos, making it seem warmer or cooler depending on how the light you're shooting in affects the frame.

1. In Slow Motion Mode press the **MENU** button.
2. Select the Slow Motion Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '**White Balance**' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Auto*, *Sunny*, *Cloudy*, *Incandescent*, and *Fluorescence*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.2.4 Exposure

This menu adjusts the frame brightness in your scene.

1. In Slow Motion Mode press the **MENU** button.
2. Select the Slow Motion Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '**Exposure**' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *+3*, *+2*, *+1*, *0*, *-1*, *-2*, and *-3*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.2.5 Metering

Metering refers to the way in which a camera determines the appropriate exposure (quantity of light reaching the camera lens). Average metering will only base the exposure setting on an overall light of the scene. Center metering will use the light from the center of the monitor.

1. In Slow Motion Mode press the **MENU** button.
2. Select the Slow Motion Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Metering*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Average* and *Center*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.2.6 Sharpness

This menu adjusts the visible detail of a video.

1. In Slow Motion Mode press the **MENU** button.
2. Select the Slow Motion Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Sharpness*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Low*, *Middle*, and *High*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.2.7 Video Quality

This menu adjusts the visible detail of a video by determining the level of compression that the camera uses when saving photos to a memory card. For example, *High* uses the least amount of compression for saving, and as a result produces a higher video quality.

1. In Slow Motion Mode press the **MENU** button.
2. Select the Slow Motion Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Video Quality*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Low*, *Middle*, and *High*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.2.8 Date & Time Stamp

This setting allows you to imprint a date & time onto your captured video files. Once a video file is captured with the imprint, the imprint cannot be removed.

1. In Slow Motion Mode press the **MENU** button.
2. Select the Slow Motion Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Date & Time Stamp*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable or disable the setting.
4. Press the **MENU** button to exit the settings menu.

3.2.9 Auto Focus

This setting allows you to set whether the lens will continuously autofocus during a video recording, or will lock the focus as set before beginning a recording.

1. In Slow Motion Mode press the **MENU** button.
2. Select the Slow Motion Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Auto Focus*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable or disable the setting.
4. Press the **MENU** button to exit the settings menu.

3.3 Time Lapse Mode

Power the camera on and rotate the **Shooting Mode Dial** at the top of the camera to **Time Lapse** mode. The dial can be rotated in either direction.



Time Lapse Mode



Time-lapse photography is a photographic technique in which the frequency at which photo frames are captured (the frame rate) is much lower than the frequency used to view the sequence. When played at normal speed, time appears to be moving faster and thus “lapsing”.

For example, an photo of a scene may be captured at 1 frame per second but then played back at 30 frames per second; the result is an apparent 30 times speed increase. This mode will capture a sequence of frames at a set interval to record changes that take place slowly over time. When the frames are shown at normal speed, the action seems much faster.

When entering this shooting mode, it will allow you to enable an automatic recording of video set by a **Lapse Interval**. The **Lapse Interval** setting is the interval in which the camera will capture photos for the time-lapse based on a default 30 frames per second. For example, a **Lapse Interval** setting of “5 FPS” will capture 150 photos (5 seconds multiplied by 30 frames per second).

1. Point the lens toward the object you want to take a picture of and then frame it with the LCD monitor.
2. Use the **ZOOM** buttons to select **Tele** or **Wide** positions to zoom in or out of your subject.

3. Press the **SHUTTER** button halfway to focus on the subject. When the focus frame turns green, press the **VIDEO RECORD** button to begin recording a video.
4. When half-pressing the **SHUTTER** button, the lens will attempt to focus on your intended subject. Once a satisfactory focus is achieved, the monitor will display a green rectangle to notify you that it has achieved a clear focus. You may then press the **VIDEO RECORD** button to begin recording a video. If the monitor displays a red rectangle, then the lens cannot achieve a clear focus and you need to adjust your shooting distance or the photo will capture blurry.
5. You may also refocus your subject during a recording. Simply half-press the **SHUTTER** button again and the lens will attempt to refocus. If the lens tries to refocus or “hunts” for focus too often, you may disable *Auto Focus* in the settings menu.
6. To stop recording, press the **VIDEO RECORD** button again. Each time you stop a recording, the camera will create a separate, new video file and save.



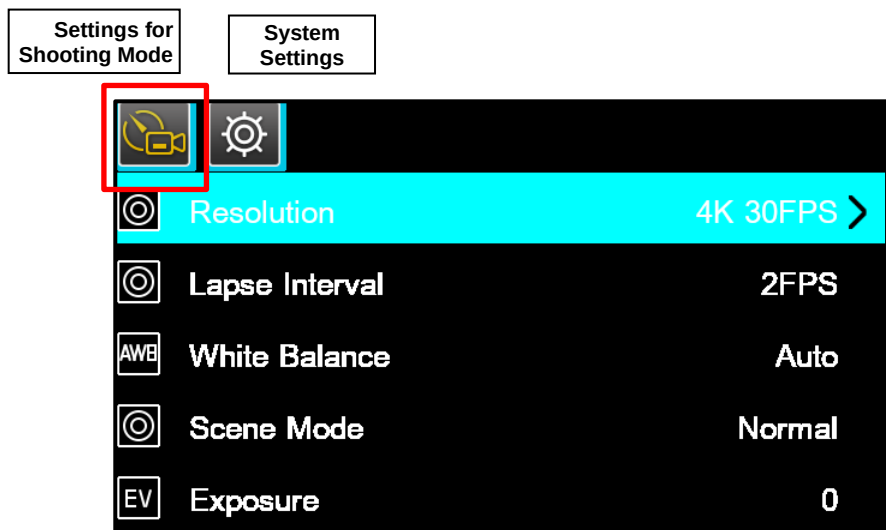
During a recording, the time counter will incrementally increase with each passing second.

During standby, the available time duration of video recordings that can be captured at a particular resolution will be displayed at the bottom right corner of the screen. The available recording time is determined by the selected video resolution. The higher the resolution setting, the less amount of recording time you are able to be save to the memory card. Before recording any video, you can select a preferred resolution within the settings menu.

3.3.1 Time Lapse Mode Settings

The settings menu adapts based on the current selected shooting mode. To access the settings menu, press the **MENU** button. Once in the menu, use the **UP**, **DOWN**, **LEFT**, and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button.

The setting menu is separated by two submenus. The top-left most icon represents settings relevant to the current selected shooting mode. The right side icon represents general settings related to the general operation of the camera.



To cycle between the submenu icons, use the **LEFT** and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button. To exit the settings menu, press the **MENU** button again.

3.3.2 Resolution

This menu sets the video resolution. The higher the resolution, the greater the video quality and the larger the file size of the recorded video.

1. In Time Lapse Mode press the **MENU** button.
2. Select the Time Lapse Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Resolution*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *4K 30FPS*, *2.7K 30FPS*, and *1080P 30FPS*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.3.3 Lapse Interval

This menu sets the amount of time the camera will wait between each photo capture for the time lapse compilation. For example, an Interval setting of "5FPS" will set the camera to automatically capture a photo every 5 seconds for the time lapse compilation.

1. In Time Lapse Mode press the **MENU** button.
2. Select the Time Lapse Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Lapse Interval*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *5FPS*, *2FPS*, and *1FPS*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.3.4 White Balance

White Balance changes the color of light in your videos, making it seem warmer or cooler depending on how the light you're shooting in affects the frame.

1. In Time Lapse Mode press the **MENU** button.
2. Select the Time Lapse Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*White Balance*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Auto*, *Sunny*, *Cloudy*, *Incandescent*, and *Fluorescence*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.3.5 Scene Mode

Scene modes are pre-programmed settings that change your camera's aperture, shutter speed, ISO, white balance, and focus, according to the type of scene you want to capture. They are designed to make your life easier by taking care of the technical

aspects of exposure and color for you.

1. In Time Lapse Mode press the **MENU** button.
2. Select the Time Lapse Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Scene Mode*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Normal*, *Scenery*, *Beach*, *Night View*, *Portrait*, and *Sport*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.3.6 Exposure

This menu adjusts the frame brightness in your scene.

1. In Time Lapse Mode press the **MENU** button.
2. Select the Time Lapse Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Exposure*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from +3, +2, +1, 0, -1, -2, and -3.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.3.7 Metering

Metering refers to the way in which a camera determines the appropriate exposure (quantity of light reaching the camera lens). Average metering will only base the exposure setting on an overall light of the scene. Center metering will use the light from the center of the monitor.

1. In Time Lapse Mode press the **MENU** button.
2. Select the Time Lapse Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Metering*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Average* and *Center*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.3.8 Sharpness

This menu adjusts the visible detail of a video.

1. In Time Lapse Mode press the **MENU** button.
2. Select the Time Lapse Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.

3. Select '*Sharpness*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Low*, *Middle*, and *High*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.3.9 Video Quality

This menu adjusts the visible detail of a video by determining the level of compression that the camera uses when saving photos to a memory card. For example, *High* uses the least amount of compression for saving, and as a result produces a higher video quality.

1. In Time Lapse Mode press the **MENU** button.
2. Select the Time Lapse Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Video Quality*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Low*, *Middle*, and *High*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.3.10 ISO

This menu adjusts the light sensitivity in your video. If you are unsure which setting suits best, select Auto and the camera will adjust the ISO as needed depending on the scene and shot.

1. In Time Lapse Mode press the **MENU** button.
2. Select the Time Lapse Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*ISO*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Auto*, *100*, *200*, *400*, *800*, *1600*, *3200*, and *6400*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.3.11 Date & Time Stamp

This setting allows you to imprint a date & time onto your captured video files. Once a video file is captured with the imprint, the imprint cannot be removed.

1. In Time Lapse Mode press the **MENU** button.
2. Select the Time Lapse Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Date & Time Stamp*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable or disable the setting.
4. Press the **MENU** button to exit the settings menu.

3.3.12 Auto Focus

This setting allows to set whether the lens will continuously autofocus during a video recording, or will lock the focus as set before beginning a recording.

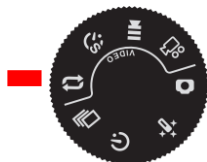
1. In Time Lapse Mode press the **MENU** button.
2. Select the Time Lapse Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Auto Focus*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable or disable the setting.
4. Press the **MENU** button to exit the settings menu.

3.4 Loop Recording Mode

Power the camera on and rotate the **Shooting Mode Dial** at the top of the camera to **Loop Recording** mode. The dial can be rotated in either direction.



Loop Recording Mode



Loop Recording is a video recording mode in which you can set a maximum duration for each video clip recorded. Once you press the Video Record button, the camera will continue recording up until the maximum duration and will then automatically begin recording a new video clip. This cycle will continue until you stop recording, or the memory card reaches maximum capacity.

1. Point the lens toward the object you want to take a picture of and then frame it with the LCD monitor.
2. Use the **ZOOM** buttons to select **Tele** or **Wide** positions to zoom in or out of your subject.
3. Press the **SHUTTER** button halfway to focus on the subject. When the focus frame turns green, press the **VIDEO RECORD** button to begin recording a video.
4. When half-pressing the **SHUTTER** button, the lens will attempt to focus on your intended subject. Once a satisfactory focus is achieved, the monitor will display a green rectangle to notify you that it has achieved a clear focus. You may then press the **VIDEO RECORD** button to begin recording a video. If the monitor displays a red rectangle, then the lens cannot achieve a clear focus and you need to adjust your shooting distance or the photo will capture blurry.

5. You may also refocus your subject during a recording. Simply half-press the **SHUTTER** button again and the lens will attempt to refocus. If the lens tries to refocus or “hunts” for focus too often, you may disable *Auto Focus* in the settings menu.
6. To stop recording, press the **VIDEO RECORD** button again. Each time you stop a recording, the camera will create a separate, new video file and save.



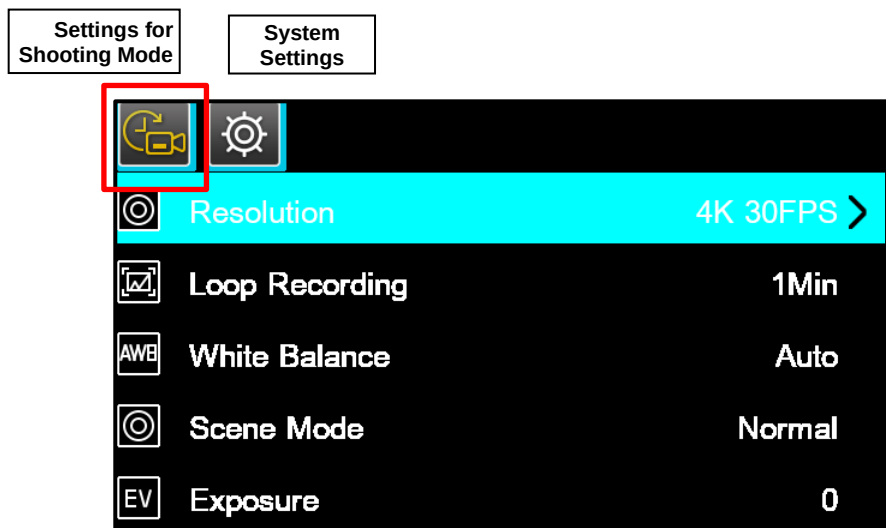
During a recording, the time counter will incrementally increase with each passing second.

During standby, the available time duration of video recordings that can be captured at a particular resolution will be displayed at the bottom right corner of the screen. The available recording time is determined by the selected video resolution. The higher the resolution setting, the less amount of recording time you are able to save to the memory card. Before recording any video, you can select a preferred resolution within the settings menu.

3.4.1 Loop Recording Mode Settings

The settings menu adapts based on the current selected shooting mode. To access the settings menu, press the **MENU** button. Once in the menu, use the **UP**, **DOWN**, **LEFT**, and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button.

The setting menu is separated by two submenus. The top-left most icon represents settings relevant to the current selected shooting mode. The right side icon represents general settings related to the general operation of the camera.



To cycle between the submenu icons, use the **LEFT** and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button. To exit the settings menu, press the **MENU** button again.

3.4.2 Resolution

This menu sets the video resolution. The higher the resolution, the greater the video quality and the larger the file size of the recorded video.

1. In Loop Recording Mode press the **MENU** button.
2. Select the Loop Recording Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Resolution*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *4K 30FPS*, *2.7K 30FPS*, *1080P 60FPS*, and *1080P 30FPS*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.4.3 Loop Recording

This menu sets the maximum video duration of each captured video in **Loop Recording** mode only. For example, a setting of *3Min* will set a maximum file length of 3 minutes when shooting in this mode.

1. In Loop Recording Mode press the **MENU** button.
2. Select the Loop Recording Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Loop Recording*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *1Min*, *3Min*, and *5Min*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.4.4 White Balance

White Balance changes the color of light in your videos, making it seem warmer or cooler depending on how the light you're shooting in affects the frame.

1. In Loop Recording Mode press the **MENU** button.
2. Select the Loop Recording Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*White Balance*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Auto*, *Sunny*, *Cloudy*, *Incandescent*, and *Fluorescence*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.4.5 Scene Mode

Scene modes are pre-programmed settings that change your camera's aperture, shutter speed, ISO, white balance, and focus, according to the type of scene you want to capture. They are designed to make your life easier by taking care of the technical

aspects of exposure and color for you.

7. In Loop Recording Mode press the **MENU** button.
8. Select the Loop Recording Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
9. Select '*Scene Mode*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
10. You may select from *Normal*, *Scenery*, *Beach*, *Night View*, *Portrait*, and *Sport*.
11. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
12. Press the **MENU** button to exit the settings menu.

3.4.6 Exposure

This menu adjusts the frame brightness in your scene.

1. In Loop Recording Mode press the **MENU** button.
2. Select the Loop Recording Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. buttons and press the **OK** button to enter the submenu.
4. You may select from +3, +2, +1, 0, -1, -2, and -3.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.4.7 Metering

Metering refers to the way in which a camera determines the appropriate exposure (quantity of light reaching the camera lens). Average metering will only base the exposure setting on an overall light of the scene. Center metering will use the light from the center of the monitor.

1. In Loop Recording Mode press the **MENU** button.
2. Select the Loop Recording Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Metering*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Average* and *Center*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.4.8 Sharpness

This menu adjusts the visible detail of a video.

1. In Loop Recording Mode press the **MENU** button.
2. Select the Loop Recording Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Sharpness*' using the **UP** or **DOWN** buttons and press the **OK** button to enter

the submenu.

4. You may select from *Low*, *Middle*, and *High*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.4.9 Video Quality

This menu adjusts the visible detail of a video by determining the level of compression that the camera uses when saving photos to a memory card. For example, *High* uses the least amount of compression for saving, and as a result produces a higher video quality.

1. In Loop Recording Mode press the **MENU** button.
2. Select the Loop Recording Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Video Quality*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Low*, *Middle*, and *High*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.4.10 ISO

This menu adjusts the light sensitivity in your video. If you are unsure which setting suits best, select Auto and the camera will adjust the ISO as needed depending on the scene and shot.

1. In Loop Recording Mode press the **MENU** button.
2. Select the Loop Recording Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*ISO*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Auto*, *100*, *200*, *400*, *800*, *1600*, *3200*, and *6400*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

3.4.11 Date & Time Stamp

This setting allows you to imprint a date & time onto your captured video files. Once a video file is captured with the imprint, the imprint cannot be removed.

1. In Loop Recording Mode press the **MENU** button.
2. Select the Loop Recording Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Date & Time Stamp*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable or disable the setting.
4. Press the **MENU** button to exit the settings menu.

3.4.12 Auto Focus

This setting allows to set whether the lens will continuously autofocus during a video recording, or will lock the focus as set before beginning a recording.

1. In Loop Recording Mode press the **MENU** button.
2. Select the Loop Recording Mode icon on the top left side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Auto Focus*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable or disable the setting.
4. Press the **MENU** button to exit the settings menu.

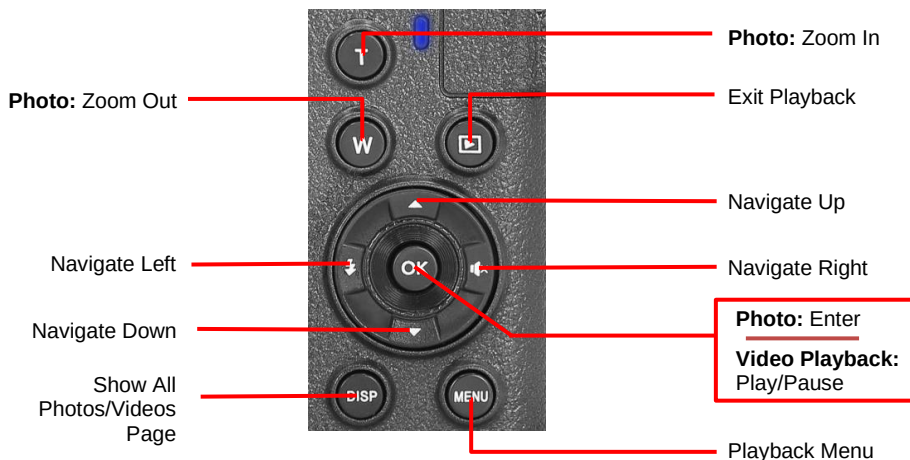
4.0 Playback Mode

Playback mode will allow you to review all of your captured videos and photos. To enter **Playback** mode, press the **PLAYBACK** button. To exit **Playback** mode at any time, press the **PLAYBACK** button again.



4.1.1 Playback Mode Navigation

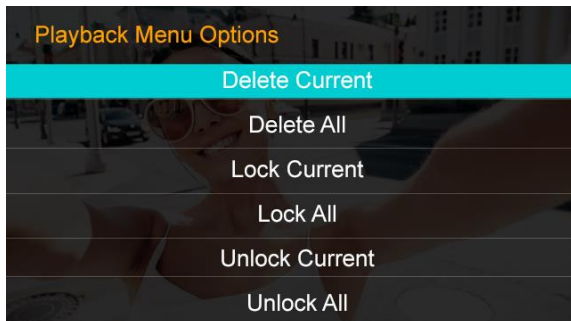
Once you enter **Playback** mode, use the **UP**, **DOWN**, **LEFT**, and **RIGHT** buttons to navigate through all the captured files. Press the **OK** button to enter into a file. Below is an explanation of each of the button's functions when in **Playback** mode.



4.1.2 Photo Playback Screen Menu

To access the settings menu, press the **MENU** button. Once in the menu, use the **UP**, **DOWN**, **LEFT**, and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button.

For Playback Mode, there is only one menu with options as shown below.



Delete Current

This option will delete the selected photo or video.

Delete All

This option will delete all stored photos and videos.

Lock Current

This option will lock the selected photo or video from deletion.

NOTE: This will not protect files from deletion when formatting your memory card.

Lock All

This option will lock all stored photos and videos from deletion.

NOTE: This will not protect files from deletion when formatting your memory card.

Unlock Current

This option will unlock the selected photo or video. Once unlocked, the photo or video can be deleted.

Unlock All

This option will unlock all stored photos and videos. Once unlocked, the photos or videos can be deleted.

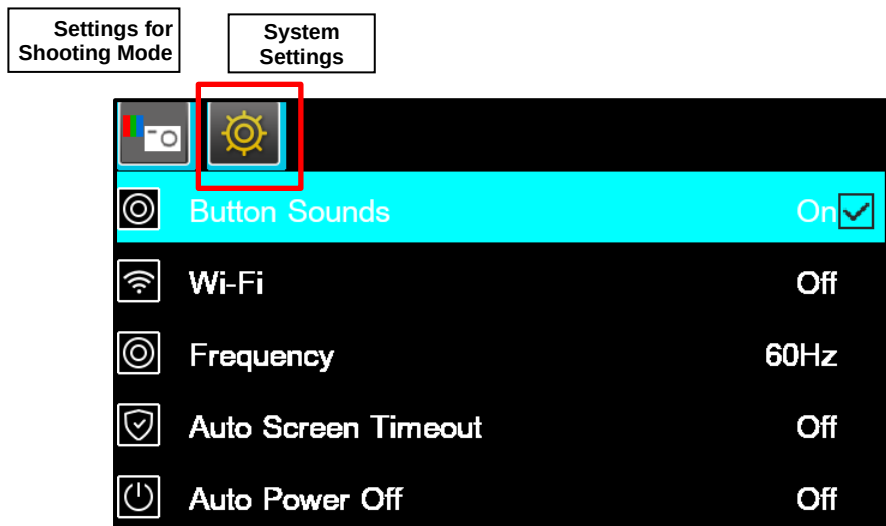
To exit the Playback menu, press the **MENU** button.

To exit and return to the main shooting screen, press the **PLAYBACK** button at any time.

5.0 System Settings

To access the system settings menu, press the **MENU** button. Once in the menu, use the **UP**, **DOWN**, **LEFT**, and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button.

The setting menu is separated by two submenus. The top-left most icon represents settings relevant to the current selected shooting mode. The right side icon represents general settings related to the general operation of the camera.



To cycle between the submenu icons, use the **LEFT** and **RIGHT** buttons to navigate. To confirm a menu selection, press the **OK** button. To exit the settings menu, press the **MENU** button again.

5.0.1 Button Sounds

This menu allows you to enable or disable various system sounds. You may also enable or disable the button sounds by pressing the **RIGHT/MUTE** button from any shooting mode.

1. In any Shooting Mode press the **MENU** button.
2. Select the Gear icon on the top right side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Button Sounds*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable or disable the setting.
4. Press the **MENU** button to exit the settings menu.

5.0.2 Wi-Fi

This menu will enable the Wi-Fi function on your camera. Below are quick instructions on enabling the Wi-Fi option. Refer to **Section 6.0** further in this User Manual for a more complete explanation of the Wi-Fi and its functions.

1. In any Shooting Mode press the **MENU** button.
2. Select the Gear icon on the top right side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Wi-Fi*' using the **UP** or **DOWN** buttons, and press the **OK** button to enable.
4. Press the **MENU** button to exit Wi-Fi and return to the main shooting screen.

5.0.3 Frequency

This menu sets the frequency of the camera from 50Hz to 60Hz. Please check the frequency of your location and set accordingly.

1. In any Shooting Mode press the **MENU** button.
2. Select the Gear icon on the top right side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Frequency*' using the **UP** or **DOWN** buttons, and press the **OK** button to enter the submenu.
4. You may select from *50H* and *60Hz*. The default frequency for the United States is 60Hz.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

5.0.4 Auto Screen Timeout

This function sets the duration of time in which the camera will wait with no user input before automatically turning off the LCD screen. Note: even while the screen is off, the camera will still be powered on.

1. In any Shooting Mode press the **MENU** button.
2. Select the Gear icon on the top right side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Auto Screen Timeout*' using the **UP** or **DOWN** buttons, and press the **OK**

button to enter the submenu.

4. You may select from *Off*, *1Min*, *3Min*, and *5Min*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

5.0.5 Auto Power Off

This menu sets the duration of time in which the camera will wait with no user input before automatically powering off to conserve battery power.

1. In any Shooting Mode press the **MENU** button.
2. Select the Gear icon on the top right side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Auto Power Off*' using the **UP** or **DOWN** buttons, and press the **OK** button to enter the submenu.
4. You may select from *Off*, *3Min*, *5Min*, and *10Min*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

5.0.6 Language

This menu sets the system language.

1. In any Shooting Mode press the **MENU** button.
2. Select the Gear icon on the top right side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Language*' using the **UP** or **DOWN** buttons, and press the **OK** button to enter the submenu.
4. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
5. Press the **MENU** button to exit the settings menu.

5.0.7 Date & Time Setup

This menu sets the system date and time for use when enabling the time stamp.

1. In any Shooting Mode press the **MENU** button.
2. Select the Gear icon on the top right side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Date & Time Setup*' using the **UP** or **DOWN** buttons, and press the **OK** button to enter the submenu.
4. You will be prompted with the screen below. Use the **UP** or **DOWN** buttons to cycle each column's value. Use the **RIGHT** buttons to proceed to the next column. Press the **OK** button, and then **MENU** button to set confirm the value and to save.
5. Press the **MENU** button again to exit the settings menu.

Date & Time Setup					
Year	Month	Day	Hour	Minute	Second
2024	07	09	16	37	22

5.0.8 Date Format

This menu sets the date format for the system and time stamp.

1. In any Shooting Mode press the **MENU** button.
2. Select the Gear icon on the top right side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Date Format*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *YY/MM/DD*, *MM/DD/YY*, and *DD/MM/YY*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

5.0.9 Format Memory Card

This menu erases all photos, videos and data stored on your memory card.

NOTE: *This will delete all of the media stored on your memory card and cannot be undone.*

1. In any Shooting Mode press the **MENU** button.
2. Select the Gear icon on the top right side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Format Memory Card*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Confirm* and *Cancel*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

5.0.10 Reset to Default Settings

Factory default settings can be restored in this menu. This function will only restore all of the menu's settings back to factory default settings and will not delete the media stored on the memory card.

1. In any Shooting Mode press the **MENU** button.
2. Select the Gear icon on the top right side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*Reset to Default Settings*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu.
4. You may select from *Confirm* and *Cancel*.
5. Highlight your selection using the **UP** or **DOWN** buttons and press the **OK** button to confirm.
6. Press the **MENU** button to exit the settings menu.

5.0.11 About

This submenu displays the firmware and device details of your camera and no settings can be adjusted here.

1. In any Shooting Mode press the **MENU** button.
2. Select the Gear icon on the top right side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select '*About*' using the **UP** or **DOWN** buttons and press the **OK** button to enter the submenu to view the information
4. Press the **MENU** button to exit the settings menu.

6.0 Wi-Fi

The MND35 includes a Wi-Fi feature that will allow you to connect your camera to your smartphone. When connecting your camera to your smartphone, you can utilize your smartphone as a remote viewfinder with live viewing to fully control your camera and transfer all captured photos and videos to your smartphone.

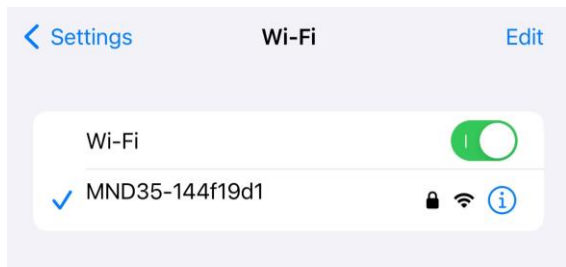
To wirelessly operate the MND35 camera, you will first need to install the “**ELook Pro**” app on your Android or iOS device. To download the app, search for “**ELook Pro**” in the Apple App Store or Google Play Store. You may also scan the QR code that will be shown on the camera's LCD monitor once your camera's Wi-Fi has been enabled.

1. To access the camera's Wi-Fi settings in any mode, press the **MENU** button.
2. Select the Gear icon on the top of the right side of the screen by using the **LEFT** and **RIGHT** buttons to navigate.
3. Select ‘Wi-Fi’ using the **UP** or **DOWN** buttons and press the **OK** button to enable Wi-Fi. The Wi-Fi status screen will now display and will broadcast a Wi-Fi signal.

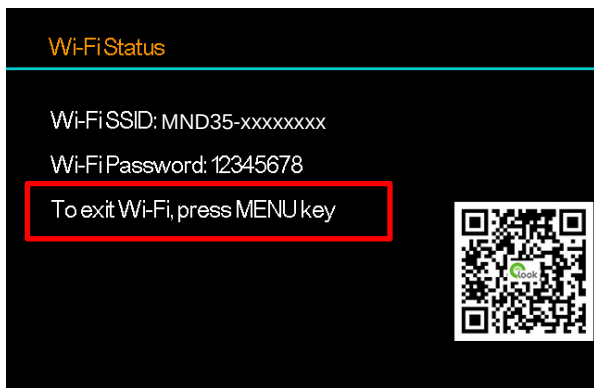
Once you enable Wi-Fi, the **SSID** (camera's Wi-Fi network name) and **password** are displayed on the camera's monitor for connecting to your smartphone.



Open your smartphone's Wi-Fi menu, turn all Wi-Fi settings On and tap the network named "**MND35_XXXXXXX**" to connect to the camera. When prompted, enter the password **12345678**.



If your smartphone is having trouble finding the camera's Wi-Fi name, press the **MENU** again to exit the Wi-Fi status screen and try re-enabling the Wi-Fi setting.



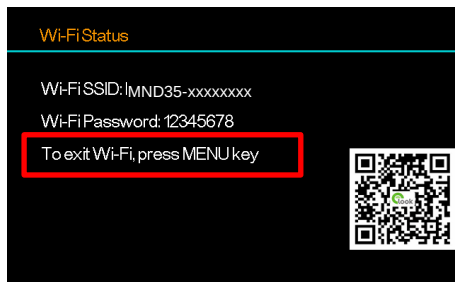
Once connected successfully, exit the Wi-Fi menu on your smartphone and open the “**ELook Pro**” app to launch remote operation of your camera.

NOTE: When first launching the app on your Apple smartphone, you may be prompted to allow the app to use your location. Select “**Allow Once**” or “**Allow While Using App**”. This will allow the app to communicate with your camera and will allow the app to work properly. The app will not operate properly with your camera if you select “Don't Allow”.

As part of the iOS operating system, your smartphone's *Location Settings* must be enabled in order to allow proper communication between your smartphone and your Minolta camera. If not enabled, it will prevent your camera from connecting to the **ELook Pro** app.



To exit Wi-Fi mode on your camera, press the **MENU** button. Press the **MENU** button again to exit setting and your camera will return to the main shooting screen.



6.1.1 Wi-Fi and Smartphone App Guide

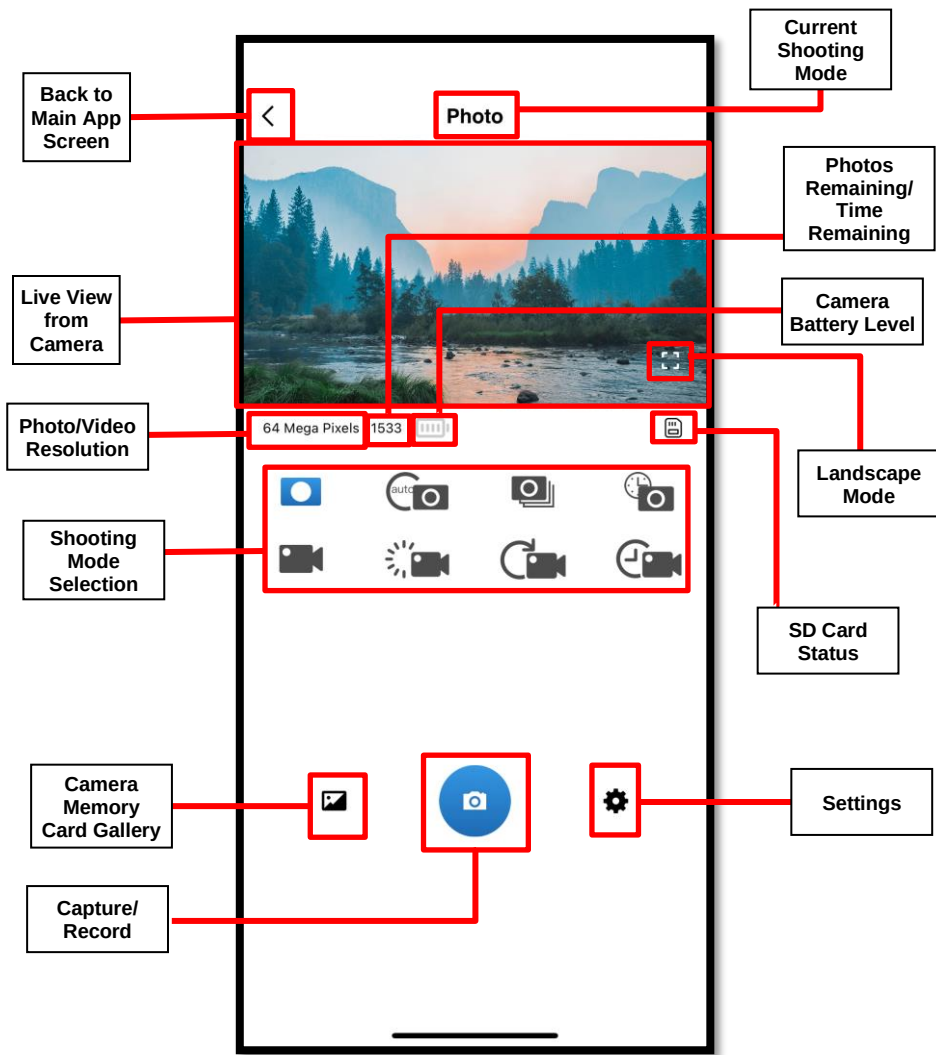
The figures provided in this user manual will offer a simple guide and explanation of the “**ELook Pro**” app. Note that the “**ELook Pro**” smartphone app may be updated periodically and the version displayed on your smartphone may differ slightly than the figures shown in this User Manual.

After following the instructions on enabling Wi-Fi on your MN35 and connecting to your smartphone, exit the Wi-Fi menu on your smartphone and open the “**E-Look Pro**” app to launch remote operation of your camera.

Once the “ELook Pro” app launches, you’ll be prompted with the below app screen. Tap **Connect Devices** on your smartphone screen and your camera should connect automatically and display a live video feed.



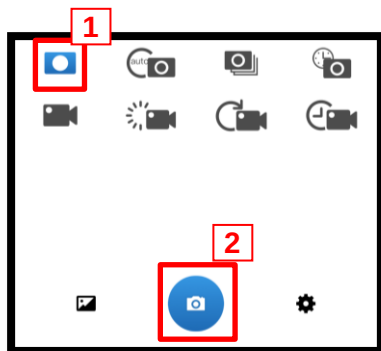
6.1.2 Smartphone App Main Screen Explanation



6.1.3 Smartphone App Operation

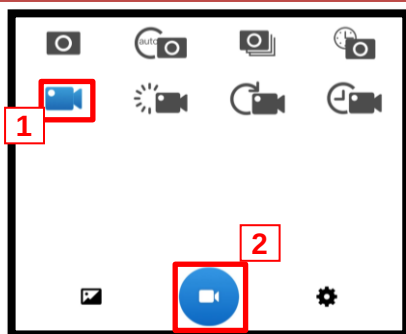
Capture Photo

To capture a photo, make sure you are in Photo Shooting mode by tapping the **Camera** icon. Once in Photo Shooting mode, tap the **Capture** icon and a photo will capture.



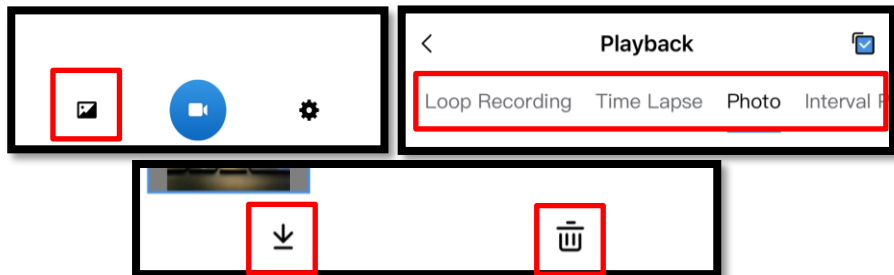
Record Video

To capture a photo, make sure you are in Video Shooting mode by tapping the **Video** icon. Once in Video Shooting mode, tap the **Record** icon and your camera will begin to record a video.



Download Photos & Videos to Smartphone

Tap the **Gallery** icon to access all photos and videos stored on your camera's memory card. Once you enter the Gallery, scroll to one of the shooting modes at the top. Now tap on a photo or video file to preview. Then tap the **Download** button in the bottom corner. You may also **Delete** a file from this same screen.



7.0 Technical Specifications

Model Number	Minolta MND35
Lens	Auto Focus • f=3.8mm • F/2.2
Zoom	18X Digital Zoom
Photo Sensor	13MP Sony CMOS Sensor
Shutter	Electronic • Digital Photo Stabilization
Pixels (photo)	JPEG: 64 Mega Pixels • 48 Mega Pixels • 36 Mega Pixels • 13 Mega Pixels
Pixels (video)	MP4: 4K (30FPS) • 2.7K (30FPS) • 1080P (60FPS) • 1080P (30FPS)
ISO Sensitivity	Auto • 100 • 200 • 400 • 800 • 1600 • 3200 • 6400
LCD Monitor	3.0" Articulating IPS LCD Monitor
Assistive Light	LED Flash Strobe
Auto Power Off	OFF • 3 Minutes • 5 Minutes • 10 Minutes
White Balance Control	Auto • Sunny • Cloudy • Incandescent • Fluorescence
Scene Modes	Normal • Scenery • Beach • Night View • Portrait • Sport
Recording Media	MicroSD • MicroSDXC; Maximum: 128GB
Wireless	Wi-Fi 802.11 b/g/n
I/O Ports	USB-C • Microphone (built-in) • Microphone (3.5mm) • Speaker (built-in)
Power	Lithium-Ion 3.7V, 1500mAh (NP-40)
Dimensions	4.6 x 1.1 x 2.6 in. • 9.2 oz.



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