

FCC STATEMENT:

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.

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

BATTERY

Maximizing Battery Life:

The battery icon has a line across it when the battery is very low. If the battery reaches 0% while recording, the camera saves the file and powers off. Extreme cold temperatures can decrease battery life. To maximize battery life in cold conditions, keep the camera in a warm place prior to use. Shooting at higher frame rates and resolutions increases power consumption.

The battery charges to 100% in approximately 6 hours when using a USB-compatible Wall or Auto Charger.

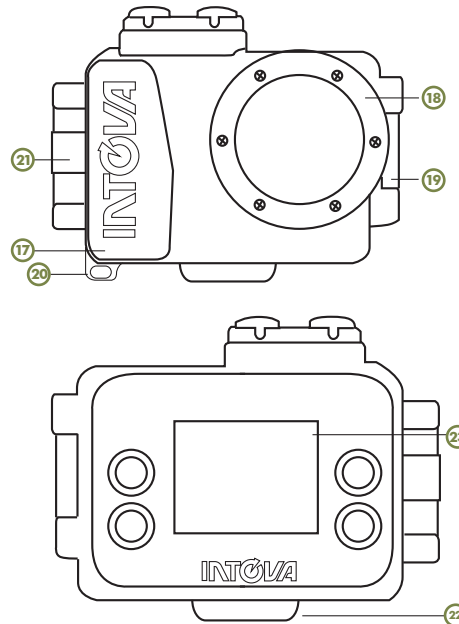
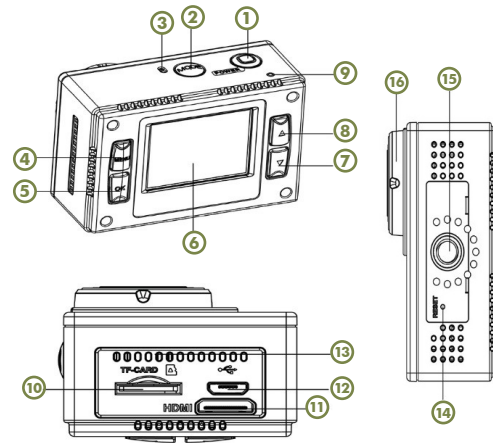
Battery Storage & Handling:

The camera contains sensitive components, including the battery. Avoid exposing your camera and battery to very cold or very hot temperatures. Low or high temperature conditions may temporarily shorten the battery life or cause the camera to temporarily stop working properly. Avoid dramatic changes in temperature or humidity when using the camera, as condensation may form on or within the camera.

The camera housing protects the camera from water damage. For more information, see Camera Housing. Do not turn on your camera if it is wet. If your camera is already on, turn it off. Allow the camera to dry thoroughly before using it again. Do not dry the camera with an external heat source such as a microwave oven or hair dryer. Damage to the camera caused by contact with liquid is not covered under the warranty.

Battery Disposal:

Most rechargeable lithium-ion batteries are classified as non-hazardous waste and are safe for disposal in the normal municipal waste stream. Many localities have laws in place requiring battery recycling. Check your local laws to make sure that you can dispose of rechargeable batteries in your regular trash. To safely dispose of lithium-ion batteries, protect terminals from exposure to other metal with packing, masking or electrical tape so they do not cause a fire while being transported. Lithium-ion batteries, however, do contain recyclable materials and are accepted for recycling by the Rechargeable Battery Recycling Corporation's (RBRC) Battery Recycling Program. We encourage you to visit Call2Recycle at call2recycle.org or call 1-800-BATTERY in North America to find a convenient recycling location. Never dispose of a battery in a fire because it may explode.



HOUSING MAINTENANCE

Rinse housing in cool clean water after use. Inspect O-ring carefully prior to each use: any debris on O-ring can cause leakage. Store in a cool dry area with housing door slightly open to prevent O-ring deforming.

Precautions

- » Before using the camera, read the precautions to ensure correct use, the best performance and longer lifespan.
- » Do not leave or store the camera in direct sunlight, especially the lens, as prolonged exposure to direct sunlight can damage the image sensor.
- » Store in a cool, dry environment.
- » During storage, note that battery must be recharged periodically to maintain operating ability. Allowing total discharge may ruin the battery.
- » Clean with a soft dry cloth and take special care around lens.
- » Format Memory Card prior to first use.

CAMERA

- 1: POWER/SHUTTER BUTTON
- 2: MODE/TOGGLE BETWEEN MENU
- 3: MICROPHONE
- 4: ENTER/EXIT MENU BUTTON
- 5: OK BUTTON
- 6: 1.5" TFT LCD SCREEN
- 7: DOWN BUTTON/ONE TOUCH LCD OFF
- 8: UP BUTTON/PAUSE VIDEO RECORDING
- 9: INDICATOR LED
- 10: MICRO SD CARD PORT
- 11: MINI HDMI TV OUT PORT
- 12: MICRO USB PORT
- 13: SPEAKER
- 14: RESET
- 15: TRIPOD MOUNT
- 16: LENS

WATERPROOF HOUSING

- 17: TEXTURED GRIP
- 18: LENS PORT
- 19: HINGE
- 20: LANYARD ATTACHMENT
- 21: LOCK
- 22: TRIPOD MOUNT
- 23: BACK DOOR

Need help using your camera?

WE'RE HERE FOR YOU.



Visit our website:

www.intova.com



Email customer support:

info@intova.net



Call customer support:

+1(808) 837-0074

DESIGNED IN HAWAII, MADE IN CHINA BY
Industrial Revolution, Inc.
Seattle, WA | (888) 297-6062

WARNING: Do not drop, disassemble, open, crush, bend, deform, puncture, shred, microwave, incinerate or paint the camera. Do not insert foreign objects into the battery opening on the camera. Do not use the camera or the battery if it has been damaged—for example, if cracked, punctured or harmed by water. Disassembling or puncturing the battery can cause an explosion or fire.

LIMITED WARRANTY: This product has a limited 1 year warranty, to the original purchaser, to be free from defects in materials and workmanship. Follow all product instructions and warnings as warranty does not cover damage due to misuse, improper care, accidents, or alterations. See www.intova.com for further details, limitations, and restrictions.

GETTING STARTED

HOUSING REMOVE/REPLACE

Unlock Housing: Flip the housing lock (marked by OPEN) away from the housing and unhook the latch from the back door. Push the thumb press mechanism to pop open backdoor if there is a vacuum seal.

Lock Housing: Close back door, hook latch and push lock towards housing.

CHARGE

Prior to charging, remove the camera from its housing.

Charge the battery by connecting the camera to a computer or other USB charging adapter using the included USB cable. When the camera turns on, press the power button to turn camera off. The red LED indicator light turns on during charging and turns off when charging is complete.

When charging with a computer, be sure that the computer is connected to a power source. If the LED indicator light does not turn on, use a different USB port.

The camera does not come fully charged. No damage occurs to the camera or battery if used without a full charge.

For more battery information, see Battery.

MICRO SD CARD USE

The DUB camera is compatible with microSD memory cards with a capacity up to 32GB (sold separately). Intova recommends using our Intova memory cards for maximum reliability.

Insert the microSD Card: Slide the memory card into the card slot with the label facing the front of the camera. When fully inserted, the card clicks into place. Note: The card must be formatted prior to use. To remove the microSD Card: Place your fingernail against the edge of the memory card and lightly press it further into the camera. The card springs out far enough to be removed.

NOTICE: The camera is not equipped with built-in memory. A memory card is required. Use care when handling memory cards. Avoid liquids, dust and debris. As a precaution, power off the camera before inserting or removing the card. Check manufacturer guidelines regarding use in acceptable temperature ranges.

POWER ON/OFF

Power-on: press and hold POWER button for 3 seconds, the screen starts up and the camera enters video mode.

Power-off: press and hold POWER button for 3 seconds, the camera turns off.

CHOOSE MODE

The camera is equipped with three modes: video, photo and playback. The default mode is video.

ALERTS & IMPORTANT MESSAGES

Missing SD card Notification:

Notification that there is no memory card in the camera. A microSD card is required to capture videos, photos and to playback images. Insert microSD card and this notification will vanish.

Operation indicator:

The LED light on top and front of camera illuminates blue when the camera is turned on, connected to a computer to download images, and blinks when recording video.

Charger indicator:

The LED light on top of the camera illuminates red when the camera is charging.

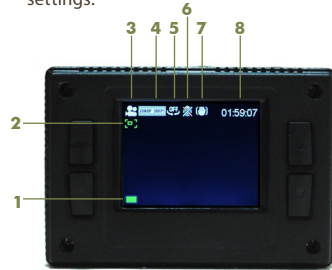
NAVIGATING MENUS TO ADJUST SETTINGS

TO NAVIGATE THE SETTINGS FOR A GIVEN MODE:

1. Verify that the camera is in the desired camera mode.
2. Press the **MENU** button to open the menu selection screen.
3. Press the **MODE** button to toggle between video or photo menu and settings menu.
4. Press the **OK** button to enter the selected menu.
5. Use the **UP/DOWN** buttons to cycle through the menu choices. (Continue to press the UP/DOWN buttons for additional choices)
6. Press the **OK** button to enter sub menu.
7. Use the **UP/DOWN** buttons to cycle through the setting options. (Continue to press the up/down buttons for additional options)
8. Press the **OK** button to select the desired setting in the sub menu.
9. Press the **MENU** button to go back/exit.

VIDEO STATUS SCREEN

Your DUB camera displays the following information about modes and settings.



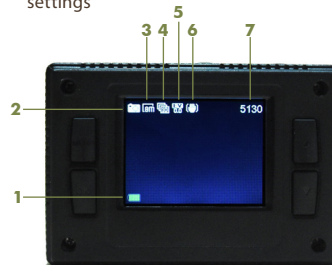
- 1: Battery level
- 2: Motion detection mode
- 3: Video mode
- 4: Video resolution
- 5: Recording interval
- 6: Voice recorder
- 7: Image stabilizer
- 8: Video recording time remaining
- 9: Video recording time
- 10: Pause or restart video recording



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PHOTO STATUS SCREEN

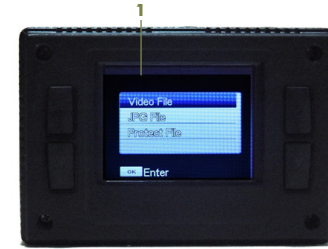
Your DUB camera displays the following information about modes and settings



- 1: Battery level
- 2: Photo mode
- 3: Photo resolution
- 4: Photo burst or self timer icon
- 5: Exposure compensation
- 6: Image stabilization
- 7: Number of photos remaining

PLAYBACK SELECTION SCREEN

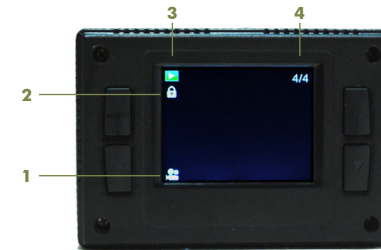
Your DUB camera displays the following information.



- 1: Video or photo file selection

VIDEO PLAYBACK STATUS SCREEN

Your DUB camera displays the following information.



- 1: Video file icon
- 2: File lock indicator icon
- 3: Playback icon
- 4: File number
- 5: Photo file icon
- 6: File lock indicator icon
- 7: Playback icon
- 8: File number

PHOTO PLAYBACK STATUS SCREEN

Your DUB camera displays the following information.



NOTE: You can also transfer files to a computer using a card reader (sold separately). Connect the card reader to your computer and insert the microSD card into the reader. You can then transfer files to your computer or delete selected files on your card.

TRANSFERRING FILES TO A COMPUTER

The DUB camera is plug and play.

1. Make sure camera is powered off.
2. Connect camera to computer with USB cable.
3. Camera will power on and enter MSDC (download) mode.

WARNING: Do not drop, disassemble, open, crush, bend, deform, puncture, shred, microwave, incinerate or paint the camera. Do not insert foreign objects into the battery opening on the camera. Do not use the camera or the battery if it has been damaged—for example, if cracked, punctured or harmed by water. Disassembling or puncturing the battery can cause an explosion or fire.