



ZATO CONNECT

USER MANUAL



I/O AND PHYSICAL FEATURES

The front of the ZATO CONNECT is almost entirely covered by its 5" SuperAtom IPS display.



On the right side of the device, you'll find the multi-purpose Power button, as well as the ZATO CONNECT's SD Card slot.



The left side of the enclosure houses the 3.5mm Mic/Line Input jack, a 3.5mm Headphone jack, and a 2.5mm Serial/LANC connector.



The primary I/O of the ZATO CONNECT is located at the rear of the device. It consists of two

USB-C ports (USB 1 & USB 2) on the top left and two HDMI ports (Input & Output) on the top right.

Note: USB 1 acts as a USB UVC/webcam input, while USB 2 is a multi-purpose port instead. It may either be used as a USB UVC/Webcam output or a connection point for the included USB-C to Ethernet adapter.



Two SMA connectors are placed along the top and are where you want to connect the included WiFi antennas to.



In the center, there's the NP-F/L-Series battery slot.

An additional USB-C port named USB PD is placed to the left of the battery slot. If you want to power your ZATO CONNECT via a USB PD power adapter or a power bank, this is where you'd connect those to.

Note: We recommend only using USB PD devices that can output a minimum of 20W.



Other physical features are the device's ventilation holes along the top and bottom edges of the enclosure, which should not get obstructed or covered up during use. To provide mounting flexibility, the ZATO CONNECT includes 1/4"20 threads on the top and bottom.

BATTERIES & POWER

Before you can power on the ZATO CONNECT, you first need to attach a power source to it. This could either be an NP-F/L-Series battery, or a USB PD power bank or power adapter.



Once these requirements are met, you can turn on the ZATO CONNECT by shortly pressing the power button on the right side of the device. To power off the device again, hold the power button for ~4 seconds until the screen turns black.



You can also configure the ZATO CONNECT for redundant powering if you connect both an

NP-F/L-Series battery **AND** a USB PD power source to it. This way, the device will automatically switch between power sources if one of them fails to supply sufficient power.

Note: The ZATO CONNECT usually operates at ~10W during regular use, but it may draw up to 20W of power under load. Please ensure that your USB PD power source can supply at least 20W of power for reliable operation in any situation.

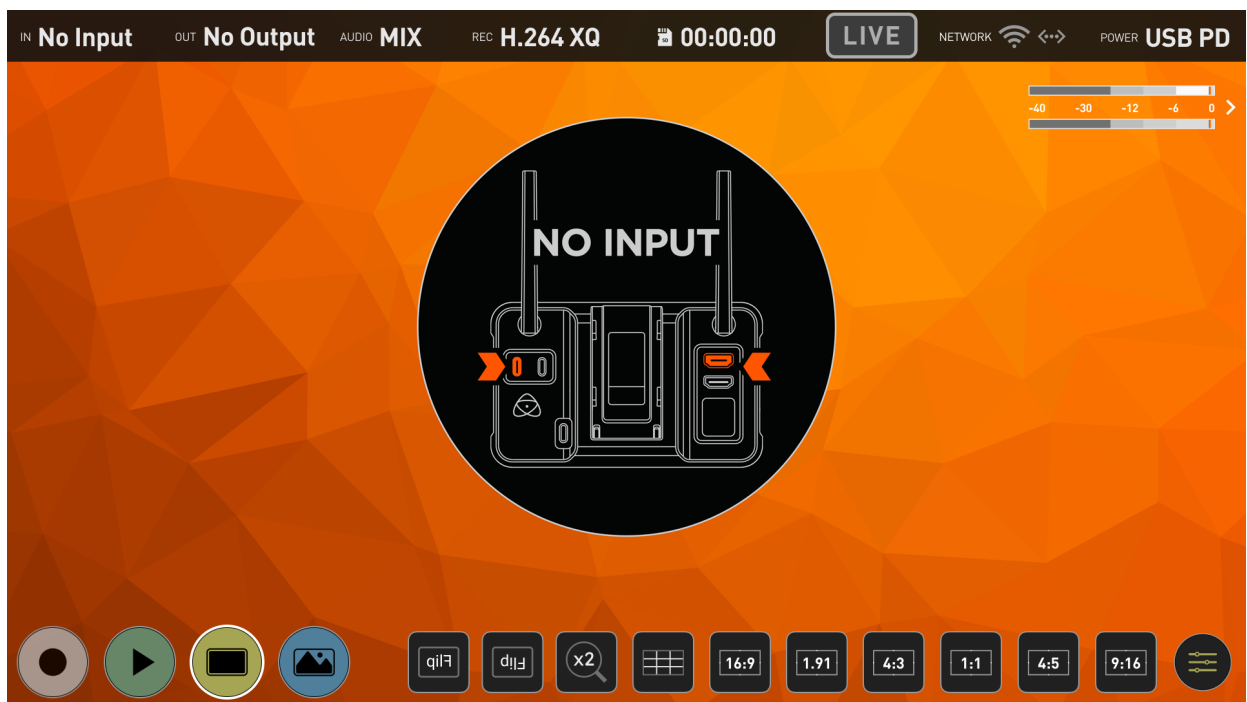
Note: Connecting the ZATO CONNECT to a USB power bank or adapter that doesn't meet the required power output specifications may result in the ZATO not turning on or behaving unpredictably.

Note: If the ZATO's operating voltage drops to 6.5V, it will display a warning message via a pop-up dialog, asking users to connect their device to mains power because the battery is reaching low charge levels. At 6.2V, there's one final warning that the ZATO will turn off momentarily because the attached battery is almost empty.

Note: If you already own a Ninja V/V+ you can also use the battery eliminator that comes included with those devices with the ZATO. This is particularly helpful in case you want to utilize another power adapter or run the ZATO via D-Tap (provided you own the DC-to-D-TAP cable).

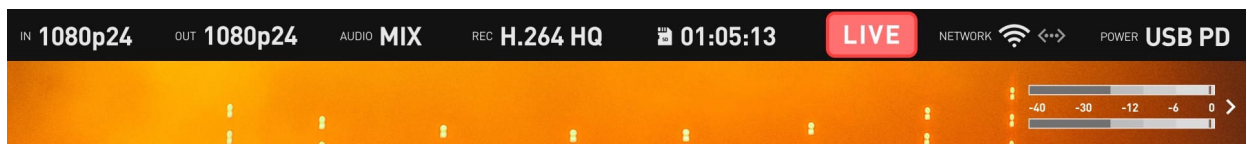
SPLASH SCREEN – TOP BAR & BOTTOM ROW MENUS

After turning on the ZATO CONNECT for the first time, you'll be greeted by a NO INPUT message, sitting on top of a bright orange backdrop. This signals that there's currently no Input Source connected to the ZATO CONNECT.



Top Menu Bar:

You will also notice the Top Menu Bar, which summarizes the most significant parameters when it comes to using the ZATO CONNECT.



IN: Highlights the input signal specification (resolution and frame rate) or says No Input when nothing is plugged into the ZATO CONNECT.

OUT: Details the ZATO CONNECT's HDMI Output signal specification.

Audio: Shows the Audio sources selected in the Mixer.

Rec: Specifies which compression variant for recording H.264 is selected.

SD Card Icon: Shows a live preview of the remaining record time with the currently inserted SD card.

LIVE Button: Press to start or stop the streaming output of the ZATO CONNECT.

Network: Details WiFi connection status and signal strength. The second icon highlights the Ethernet connection status.

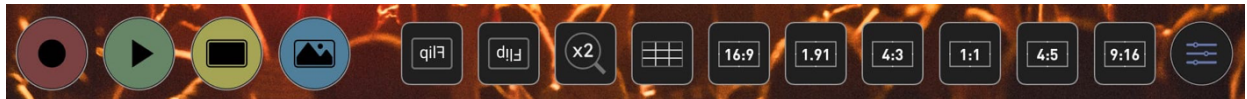
Power: Shows the Battery status based on a voltage reading or if the unit is powered via USB PD instead.

Audio Meters: This shows the audio meters for the Output Mix.

Note: Pressing a label in the top bar acts as quick access that takes you to the corresponding section in the AtomOS Lite menu system.

Bottom Row Menu:

The Bottom Row Menu provides quick access to a variety of the ZATO CONNECT's functions.



Record Button: Press it to start or stop recording onto the inserted SD Card. This button stays greyed out if no SD Card is inserted.

Note: It is also used to get back into Record/Live View mode if you've previously switched over to Playback mode.

Play Button: Press to switch into Playback mode. Once in Playback mode, it is used to bring up or hide the File Browser to select the clips you want to play back.

Monitor Button: Toggleable button to hide or show the Top Menu Bar and Bottom Row Menu.

Overlay Button: Allows you to access the new Quick Access Bottom Function Row for Overlays and PiP configuration.

Besides the four major function buttons, there are ten toggleable buttons for quick access to the monitoring tools.

Horizontal Flip (Also known as Selfie Mode): Pressing this button flips the image horizontally to make filming yourself more convenient.

Vertical Flip: Rotates the image by 180 degrees. Helpful if you want to use the ZATO upside down.

x2 Zoom: Zooms into the image and allows users to check critical focus.

9 Grid: Used to make framing your shot following the rule-of-thirds more convenient.

16:9: Brings up the 16:9 Frame Guide.

1.91: Brings up the 1.91 Frame Guide.

4:3: Brings up the 4:3 Frame Guide.

1:1: Brings up the 1:1 (Square) Frame Guide.

4:5: Brings up the 4:5 Frame Guide.

9:16: Brings up the 9:16 Frame Guide.

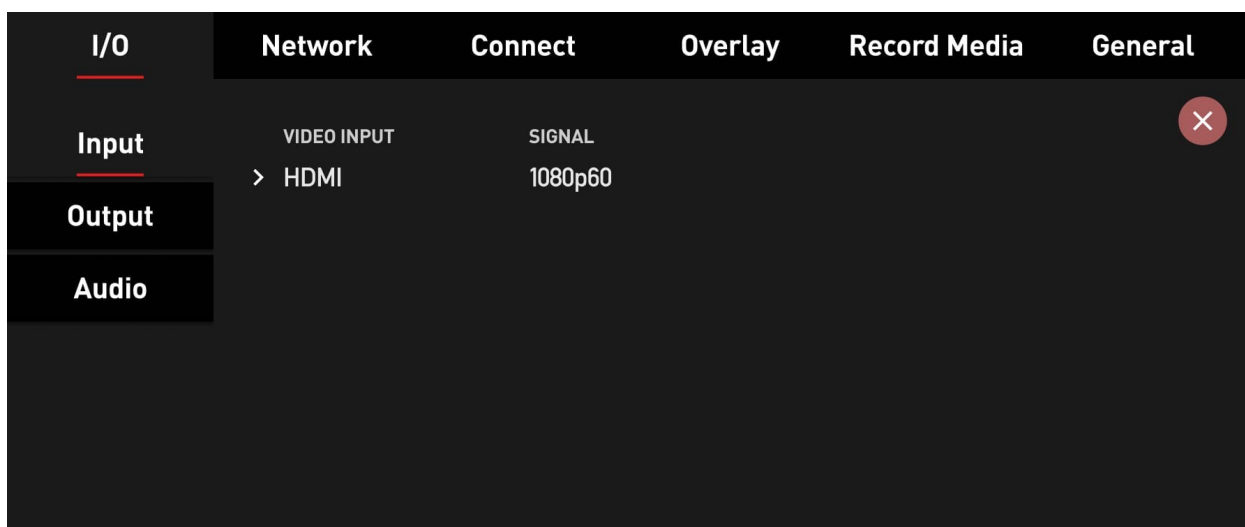
Menu Icon: Provides quick access to the last Menu you've previously had open.

I/O TAB – INPUT, OUTPUT & AUDIO

The I/O Tab in the ZATO CONNECT's main menu includes three sub-menus, which can be accessed via the shelf menu on the left side of the menu window.

Input:

The Input menu includes the Video Input section on the left, allowing you to toggle between HDMI and USB UVC video input sources.



To the right, under SIGNAL, the ZATO outlines the specifications of the input signal. The signal specification consists of a short version of the resolution, the scan type, and the frame rate.

Example: 1080p30

Resolution: 1080 (1920 x 1080)

Scan Type: p (Progressive)

Frame Rate: 30 (30 fps)

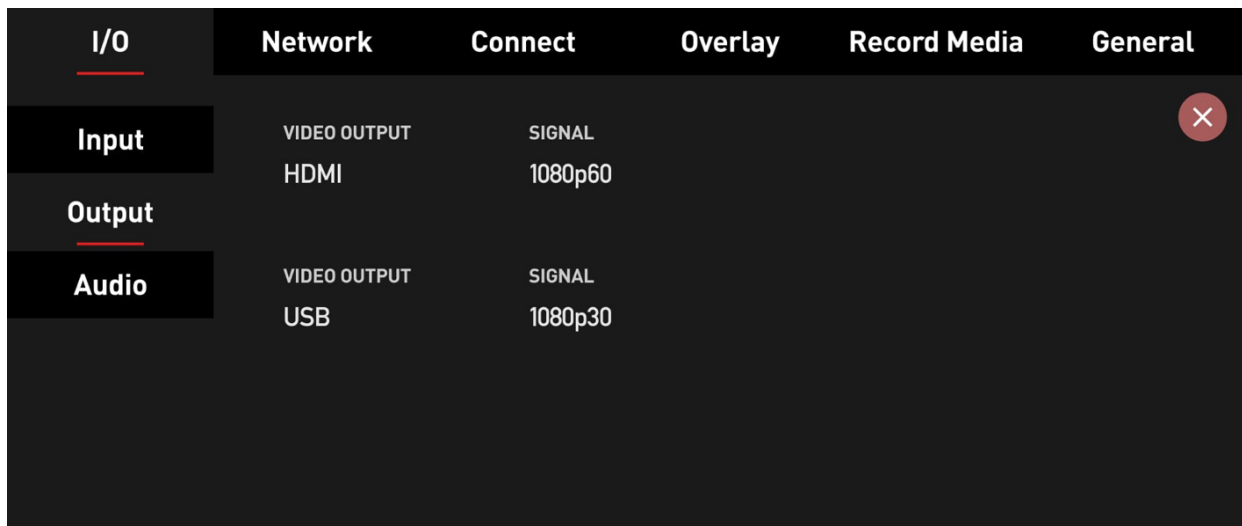
Compatible resolutions: 1080 (1920 x 1080) & 720 (1280 x 720)

Compatible Scan Types: p (Progressive)

Compatible Frame Rates: 23.98, 24, 25, 29.97, 30, 50, 59.94, 60

Output:

The Output menu details the output signal specifications of the ZATO CONNECT.



There is a row each for both HDMI and USB UVC outputs. Both have a dedicated SIGNAL section that details the signal coming out of either port.

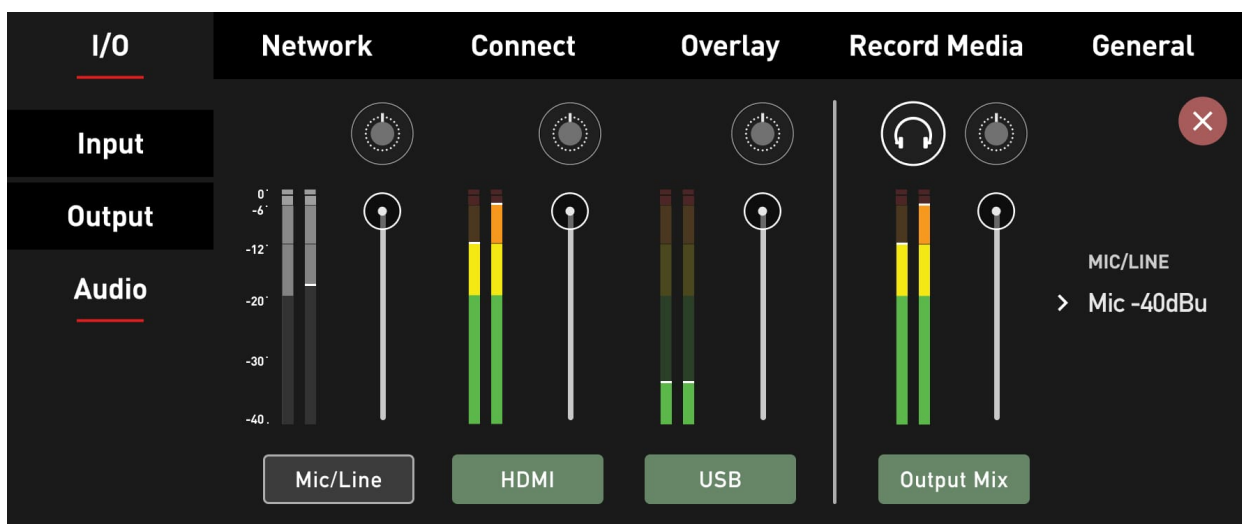
Note: "Video Output USB" is assigned to the USB-C port labeled USB 2 on the rear of the device. Compared to USB 1, which just acts as a webcam input, it's a multipurpose port that may also be used as a connection point for the included USB-C to Ethernet adapter.

Note: While the HDMI Out port supports outputting 1080p signals at up to 60fps, the USB UVC output is limited to a maximum output frame rate of 30fps. If the ZATO CONNECT's input signal surpasses 30fps, the ZATO's USB UVC output will automatically drop frames to output a signal at half of the original frame rate.

Example: HDMI Input = 1080p60, HDMI Output = 1080p60, USB UVC Output = 1080p30

Audio:

The ZATO CONNECT comes equipped with a built-in Audio Mixer.



The mixer consists of 3 stereo audio meters. There is one for each audio input (Mic/Line, HDMI, USB), as well as the fourth pair of stereo meters for the output mix.

To add an audio source to the mix, press the button below the corresponding meter.

Pressing the button again removes the source from the mix.

After adding a source, you can adjust the volume/gain via the slider to the right of each meter to make sure that it's mixing well with the audio coming from the other channels.

Once the independent channel volumes have been adjusted to your liking, you may make

final adjustments via the Output Mix slider.

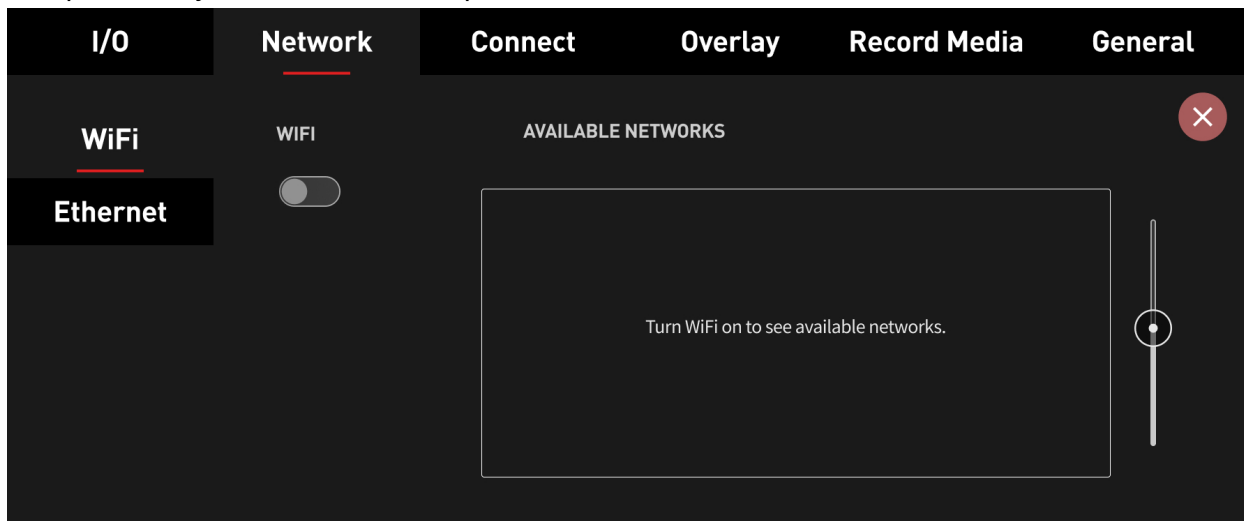
Note: Both Line (-10 dBu) and Mic Levels (-40 dBu) are supported. You may switch between them by pressing the label text on the right side of the menu window.

NETWORK TAB – WIFI & ETHERNET

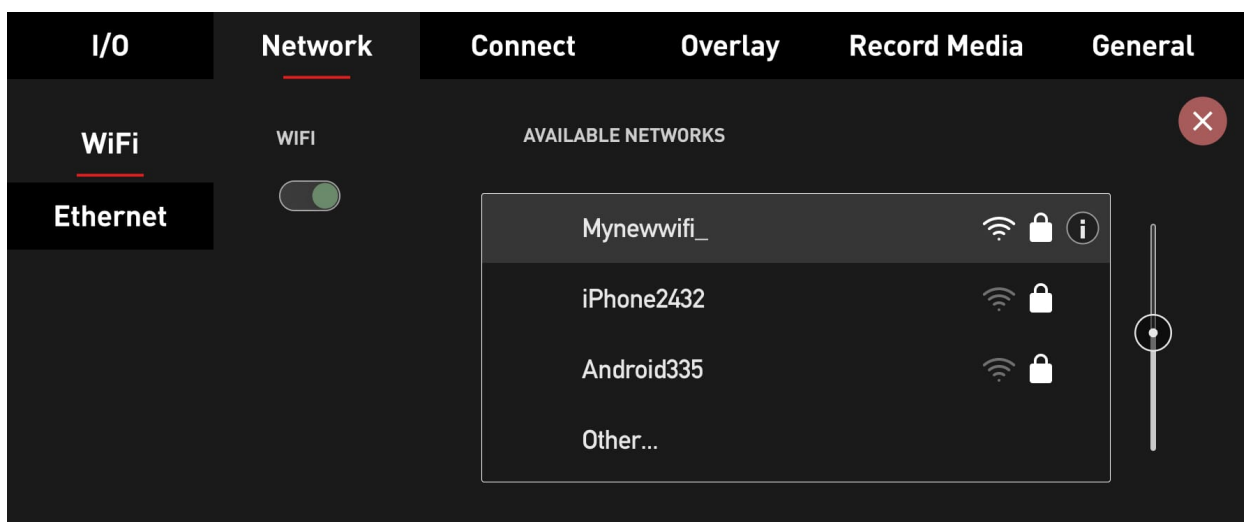
In its factory state, the ZATO CONNECT isn't connected to the Internet. To connect your ZATO to the web, which is required to use any of its CONNECT features like Streaming to YouTube and Co., navigate to the Network tab in the main menu. In there, you'll find two sub-menus: WiFi and Ethernet.

WiFi:

To connect your ZATO CONNECT to a WiFi network, either at home, your studio, your phone hotspot, or any other WiFi access point, enable the WiFi switch on the left of this menu.



Within seconds, the ZATO will fetch a list of available networks within its range and display them in the field on the right. If there are many WiFi networks nearby, use the scroll bar on the right to navigate the list of entries.

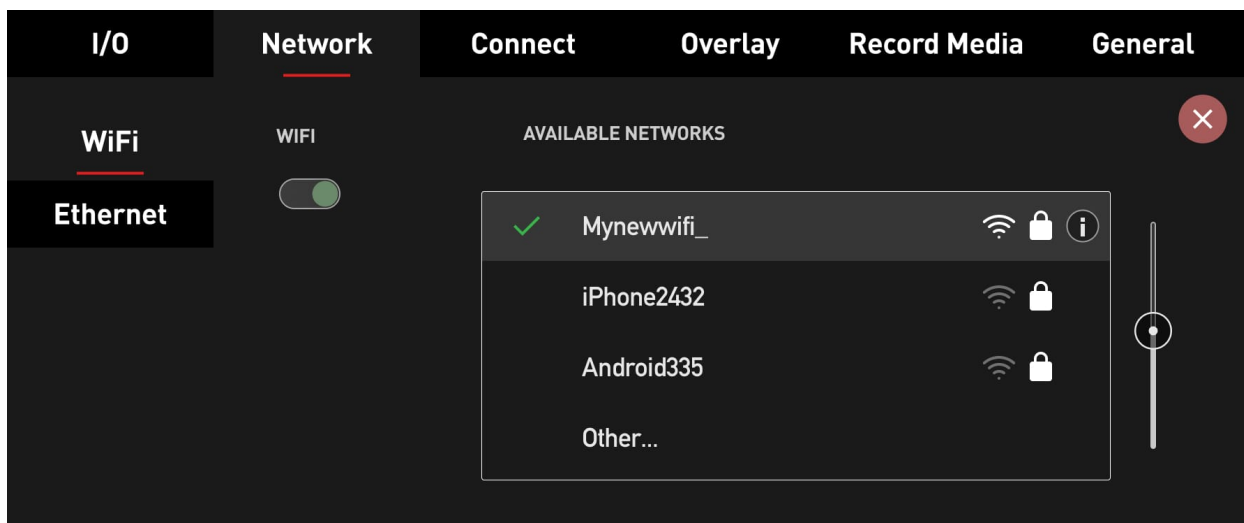


Once you've found the WiFi network you want to connect to, double-tap the WiFi name to

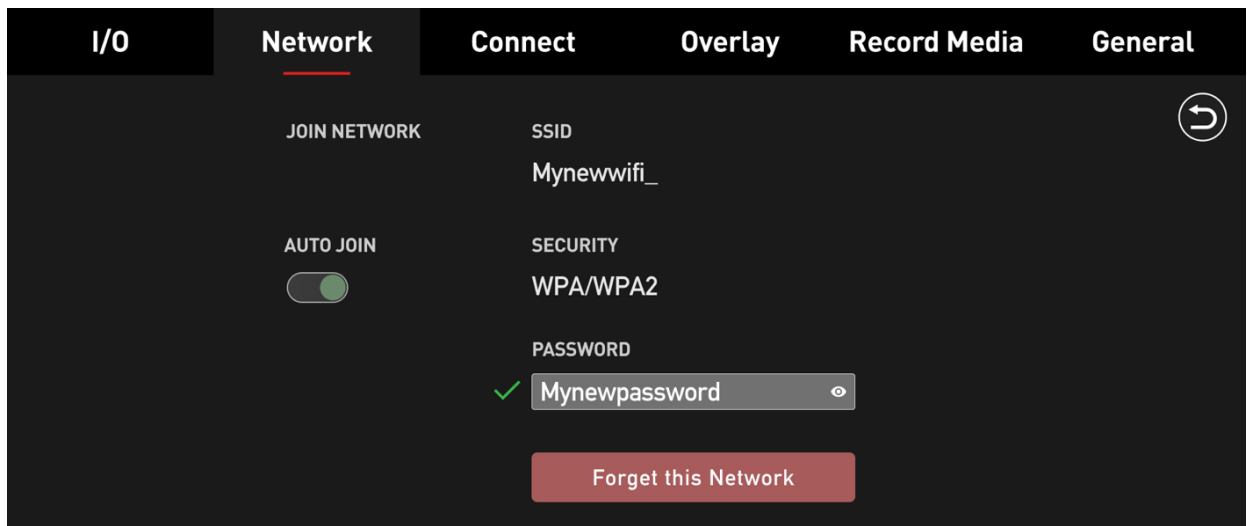
open the network properties. In there, tap on the password field. A keyboard will pop up, allowing you to enter the password.



Once you enter the password and confirm by pressing OK, the keyboard overlay closes, and you'll return to the WiFi submenu. A loading indicator is displayed, highlighting that your ZATO is attempting to connect to the WiFi network. If the connection is established successfully, a green checkmark is displayed to confirm the connection status. If the password you entered is incorrect, or if the connection can't be established, the ZATO displays a warning message, asking you to try again.



If you double-tap the WiFi network you're currently connected to, you'll see a few new options that weren't available in the unconnected state. On the left, there's the Auto Join switch, allowing users to automatically join this WiFi network once it's in range. On the right, there's a field displaying the ZATO's IP address.



At the bottom, there's the "Forget this Network" button that disconnects you from this network immediately and also disengages the Auto Join functionality.

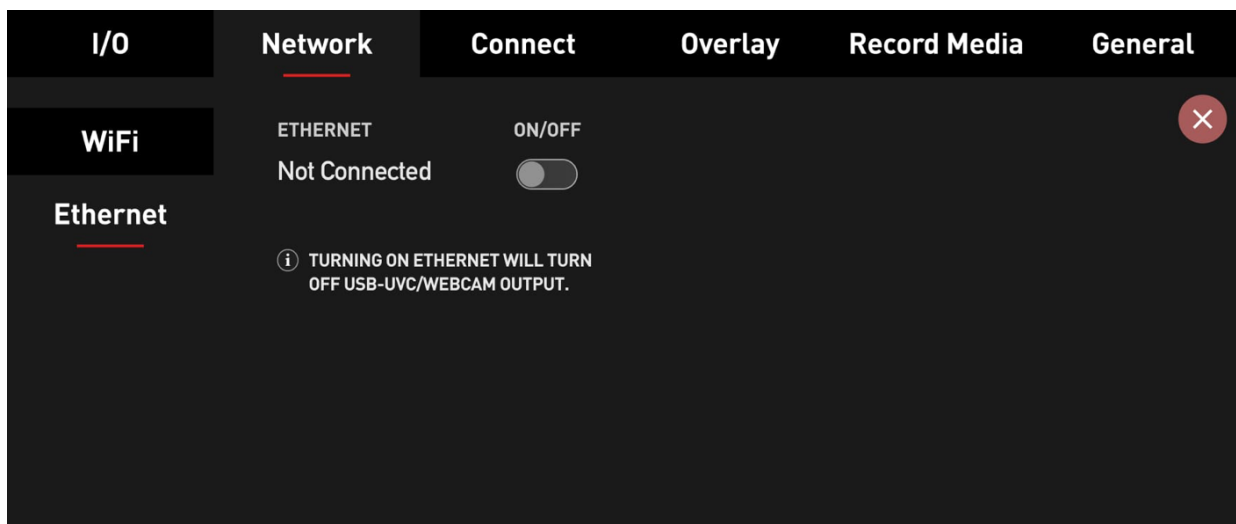
To turn off WiFi, press the switch on the left to disable it.

Ethernet:

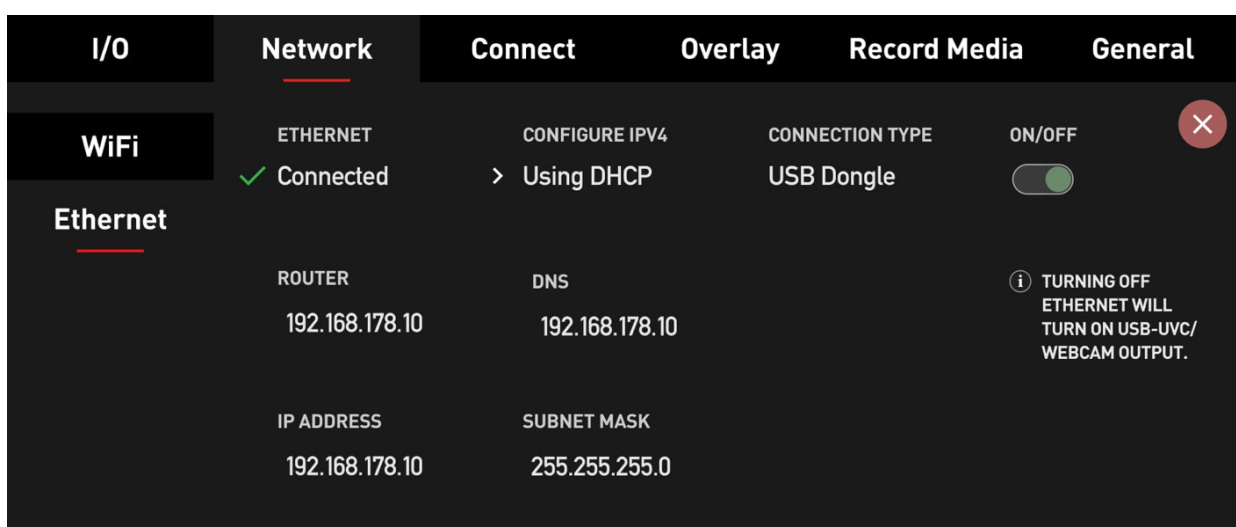
Before establishing a network connection via Ethernet, ensure that WiFi is disabled. Next, connect the included USB-C to Ethernet dongle to the port labeled USB2 in the back of the ZATO CONNECT.



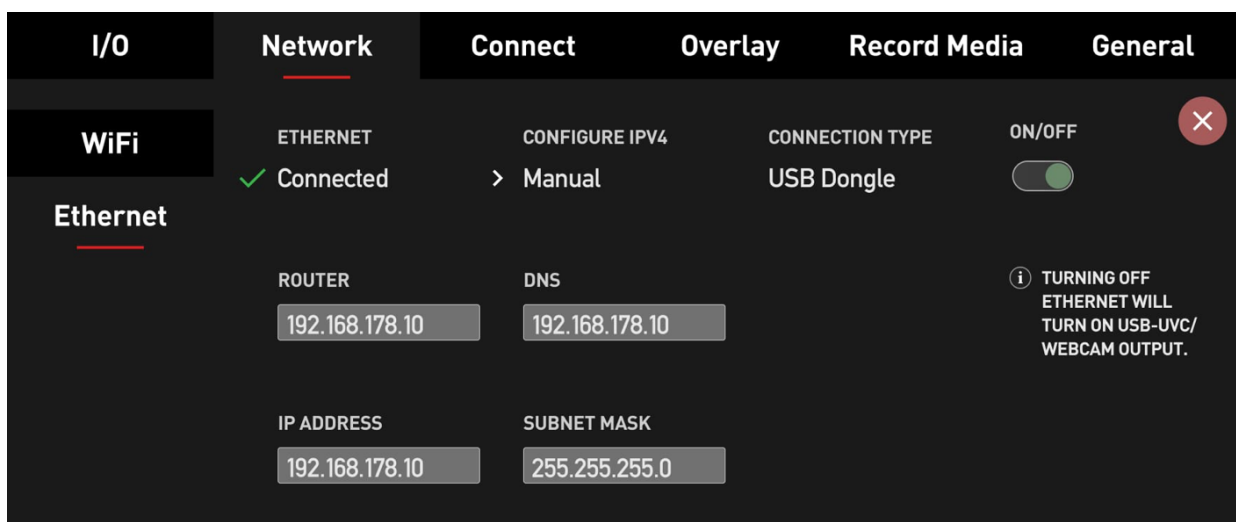
After that, navigate to the Ethernet tab within the Network menu and press the ON/OFF switch to put it from the OFF into the ON position.



Under Configure IPV4, you can either leave the ZATO in its default state, Using DHCP, or you can switch it over to Manual mode for a fully manual network configuration.



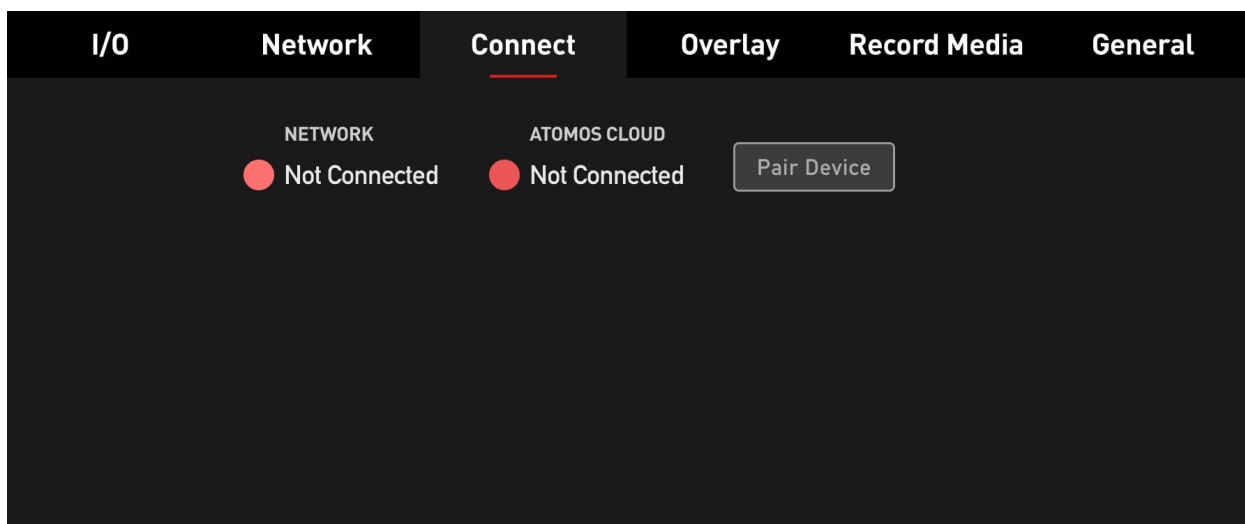
Next, connect your Ethernet cable to the USB-C to Ethernet adapter. If you've selected Using DHCP in the previous step, the ZATO will automatically fetch its network configuration parameters from the Switch/Router you're connected to. In Manual mode, you need to enter all these parameters manually, depending on your network configuration.



You can deactivate Ethernet via the ON/OFF switch on the right side of this menu.

CONNECT TAB – CONNECT TO ATOMOS CLOUD STUDIO & CONFIGURE STREAM

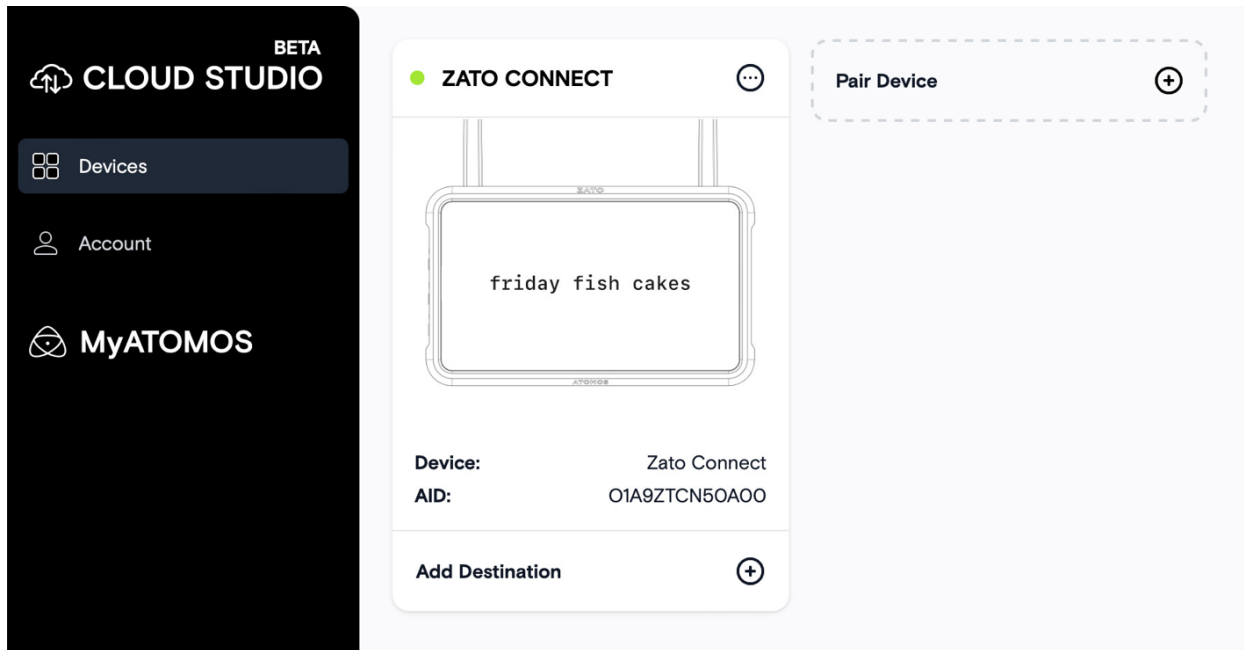
The Connect Menu allows you to pair your ZATO CONNECT with Atomos Cloud Studio. It also displays the network connection status and the status of the connection to the Atomos Cloud.



Note: Before connecting to the Atomos Cloud, your device must first be connected to the Internet. You can connect your ZATO CONNECT to the Internet via WiFi, or via the included USB-C to Ethernet adapter. For more information, check out the article "Network Tab – WiFi & Ethernet".

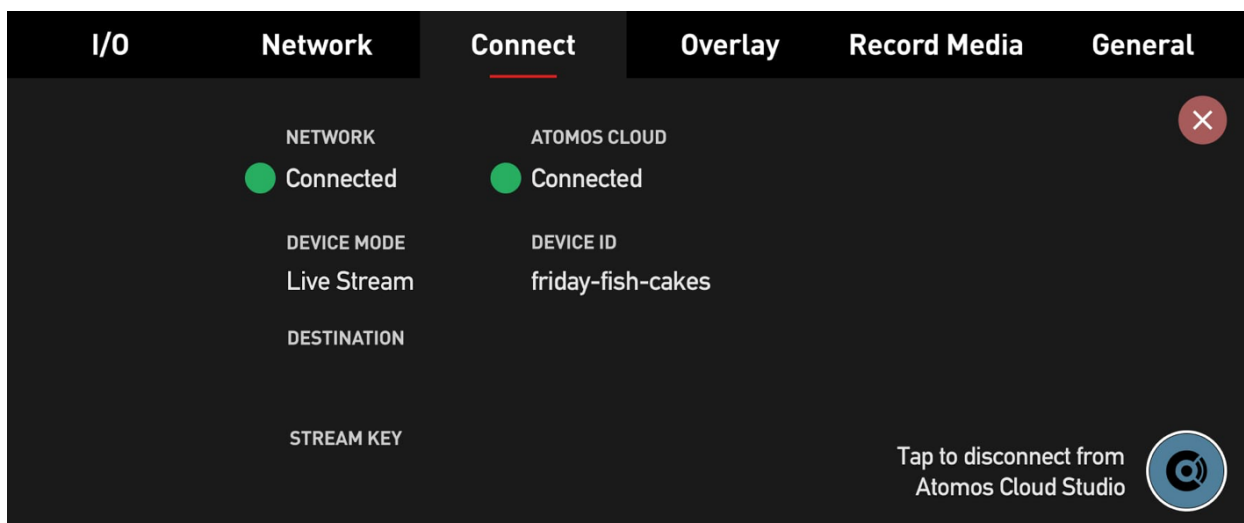
Once the ZATO CONNECT is connected to the internet, the status of the Connect menu changes to reflect the connection status.

and its details. The three word code is displayed on the image of the device and the device type appears. When your device is connected to Atomos Cloud, a green circle will appear next to the device nickname at the top of the device box.

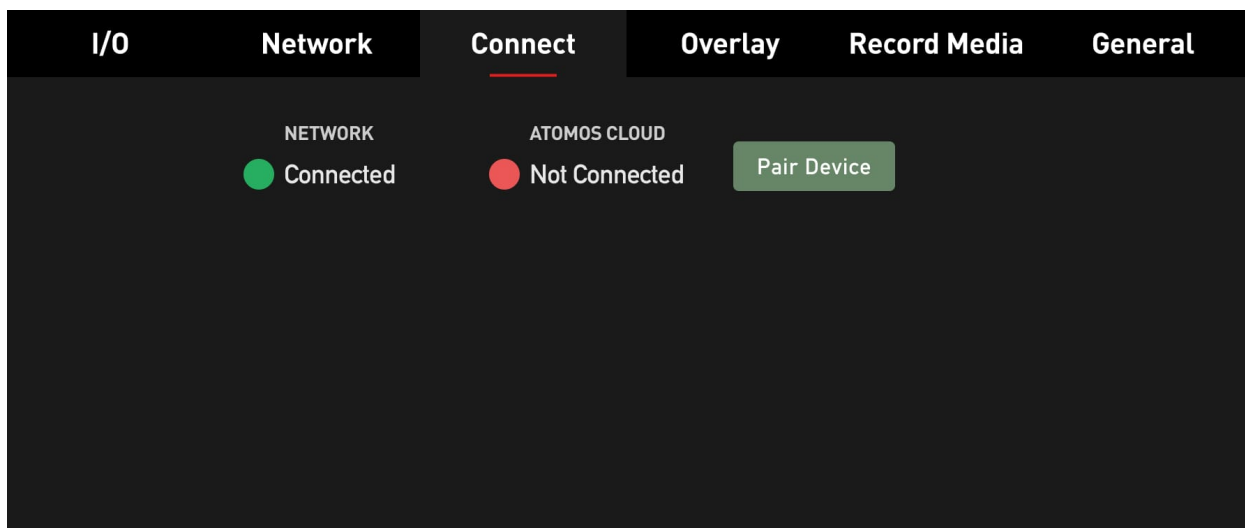


The Connect Menu page of your ZATO CONNECT will also update, with another green circle indicating that you're connected to the Atomos Cloud. The current mode will also be displayed under Device Mode, with Device Id used for pairing right next to it.

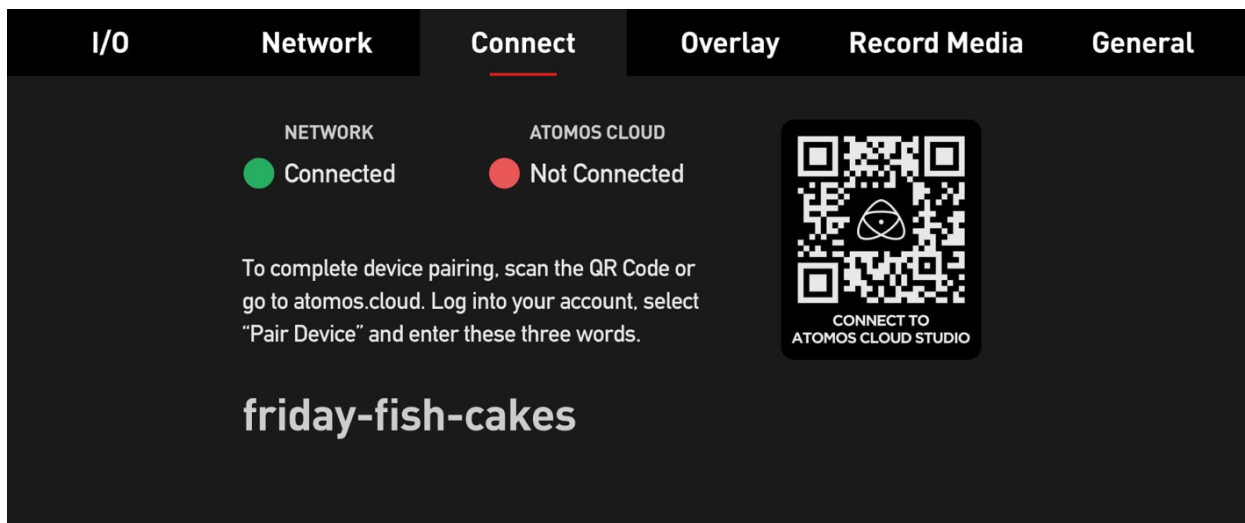
Note: Since the destination and stream key have not been configured yet, these fields will stay empty for now.



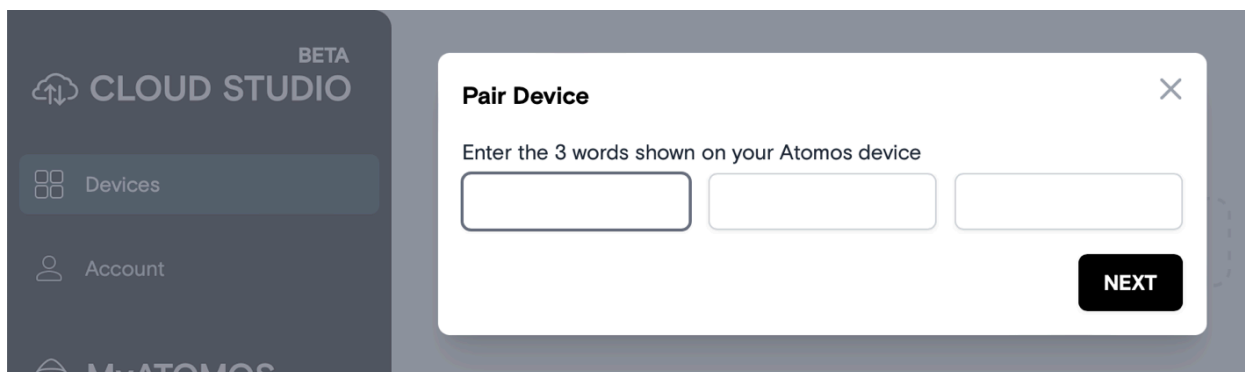
Next, you will need to configure the services for this device at atomos.cloud. Tap on the + symbol next to Add Destination in the device box and a new window will open, displaying the destination options.



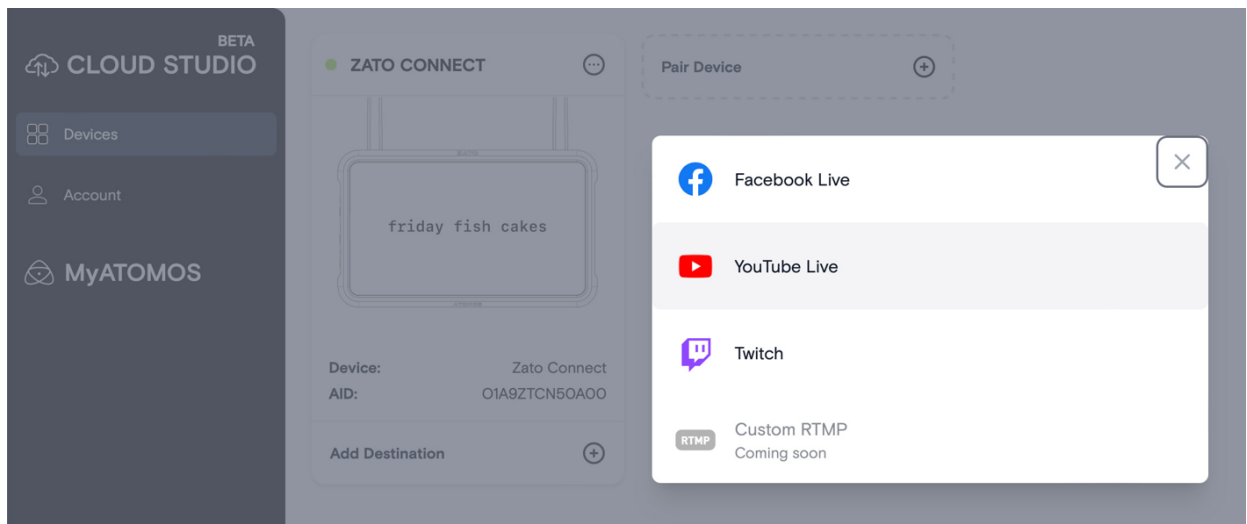
Press "Pair Device". The ZATO CONNECT now communicates with Atomos Cloud Studio and is assigned a unique three-word-combination, which is displayed in the Connect menu along with a QR code.



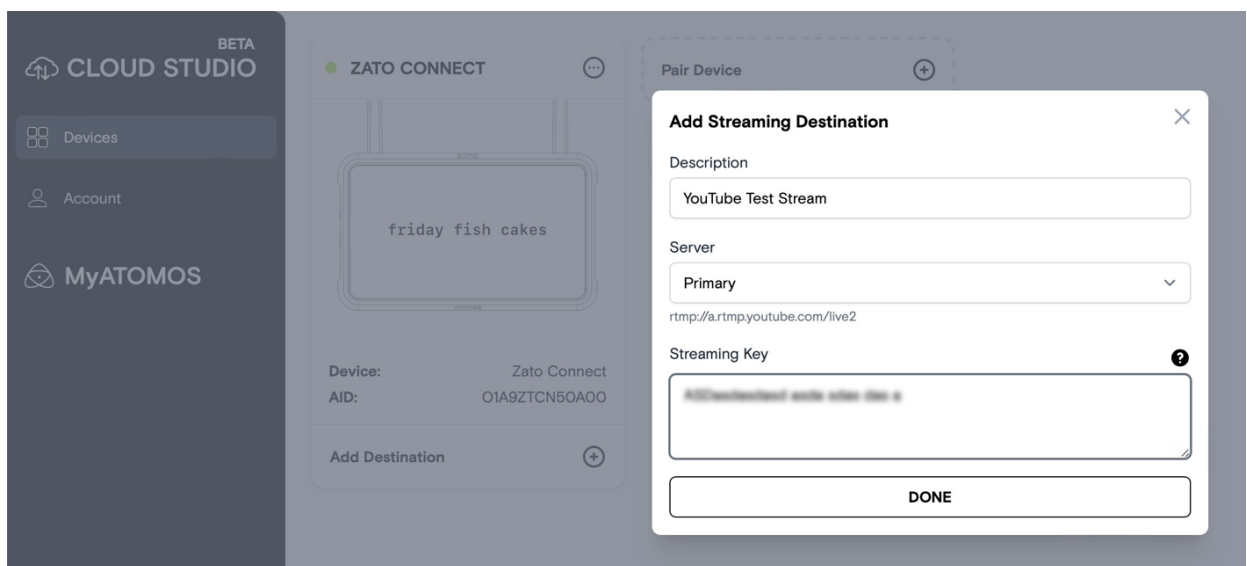
Scan the QR code to connect to Atomos Cloud Studio on your mobile device, or navigate to atomos.cloud on a desktop browser. Either sign up for a new account, or log in to an existing account. Once logged in, press the "Pair Device" button and enter the three words from the ZATO CONNECT's Connect menu. After entering the words, give your device a nickname.



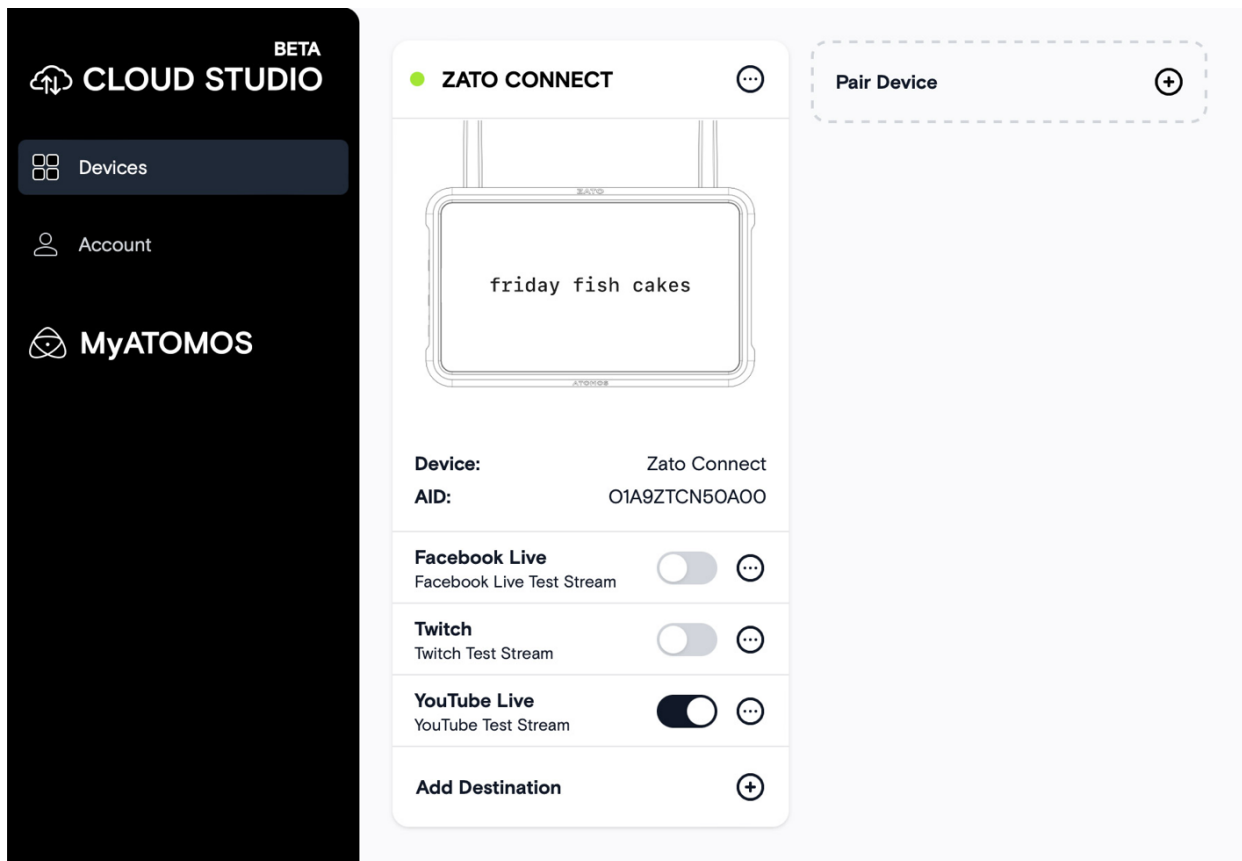
After going through the initial setup steps, the ZATO CONNECT will be paired with your Atomos Cloud account. The Devices tab updates to show an image of the device you paired



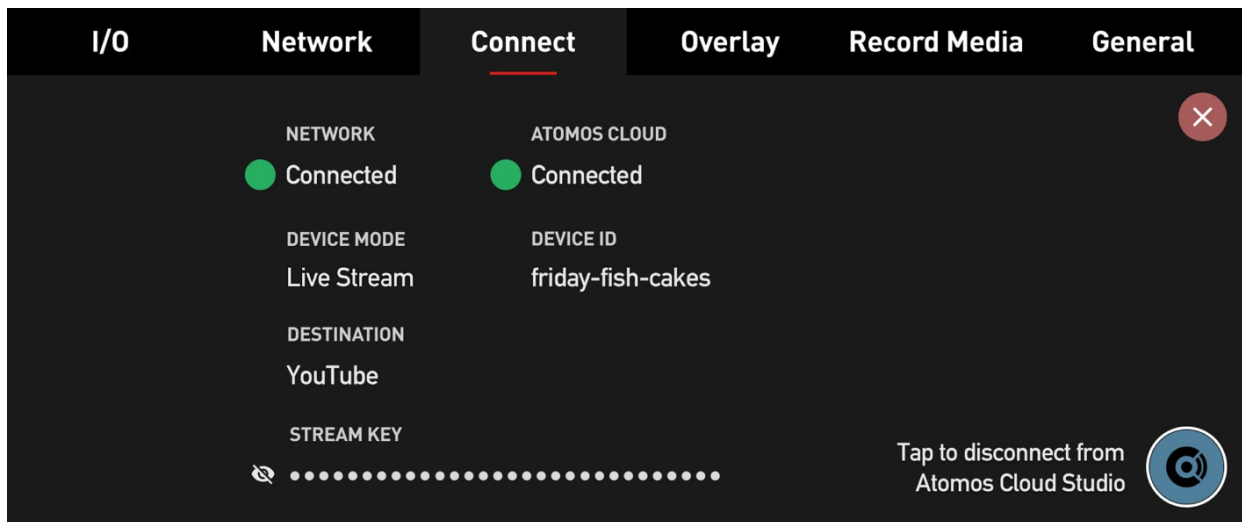
Select a destination, and you will be prompted to enter your credentials and other settings for that destination.



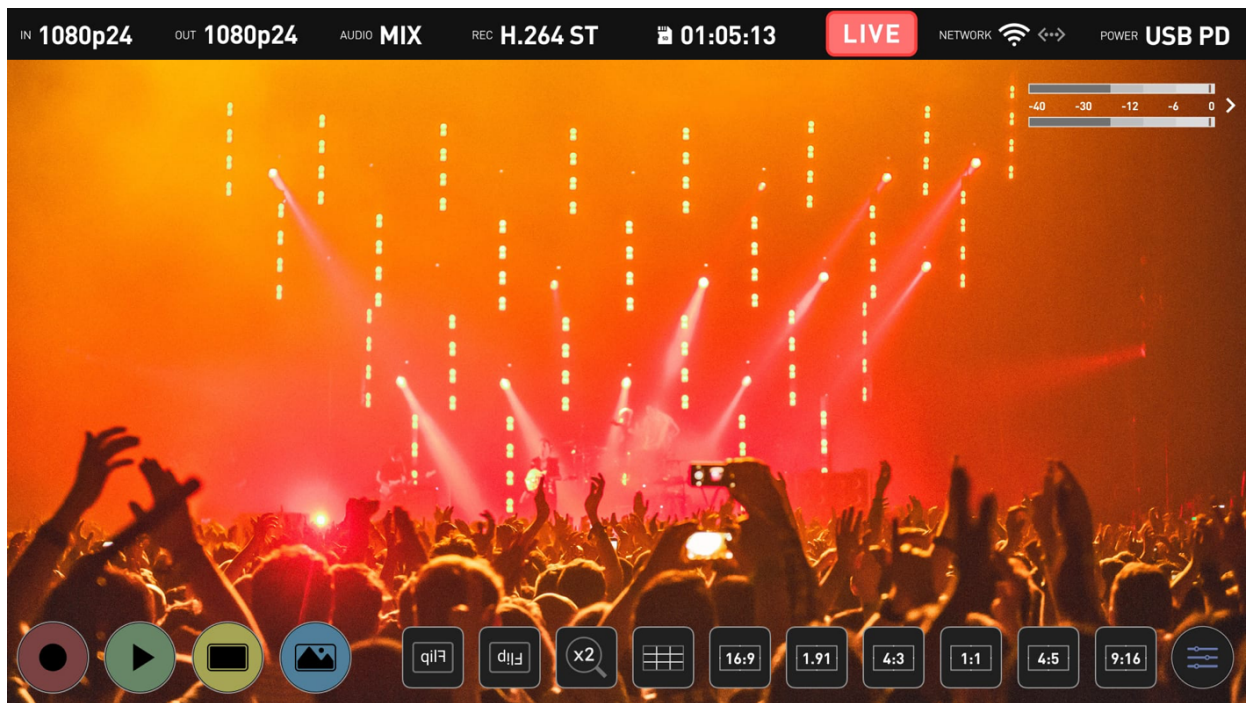
Once you've configured your destination, engage the ON/OFF switch to send the streaming destination information including the Stream Key to the ZATO CONNECT.



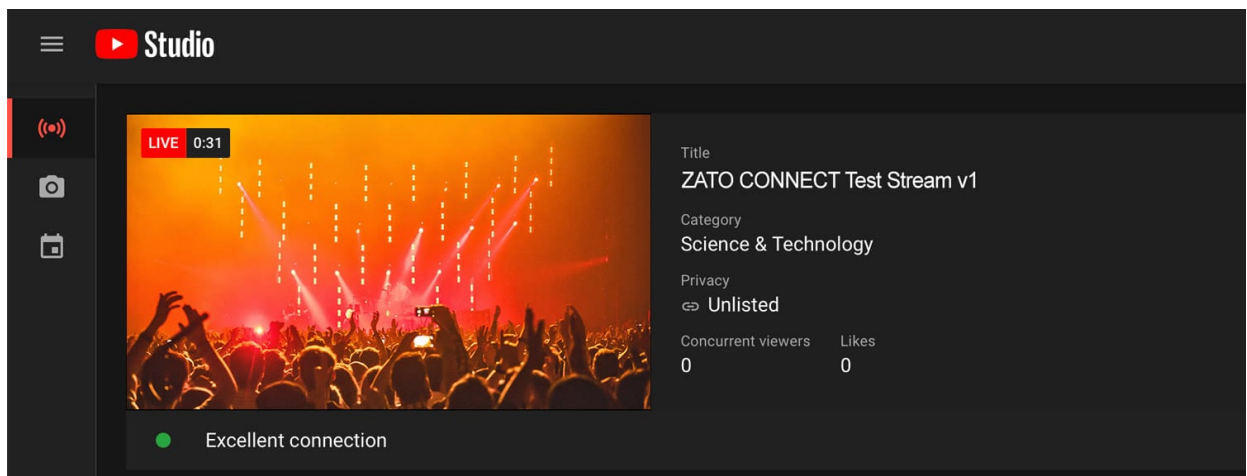
The ZATO CONNECT will receive the destination information within seconds and displays them in the "Destination" and "Stream Key" fields, which were previously empty. For privacy purposes, the Stream Key is hidden, but you can toggle its visibility by tapping on the "Eye" icon on the left.



Once all the destination information is available on the ZATO CONNECT, you can start or stop the streaming output via the LIVE button in the top menu bar.



Once the destination platform receives the RTMP/S feed from the ZATO CONNECT, the live stream will begin. To end the live stream, just press the ZATO's Live button again. The stream will automatically end, when it's no longer receiving an RTMP/S feed.



OVERLAY TAB – ADD MEDIA, LAYOUT, PIP

To add Overlay graphics to your program feed, navigate to the Overlay tab in the main menu.

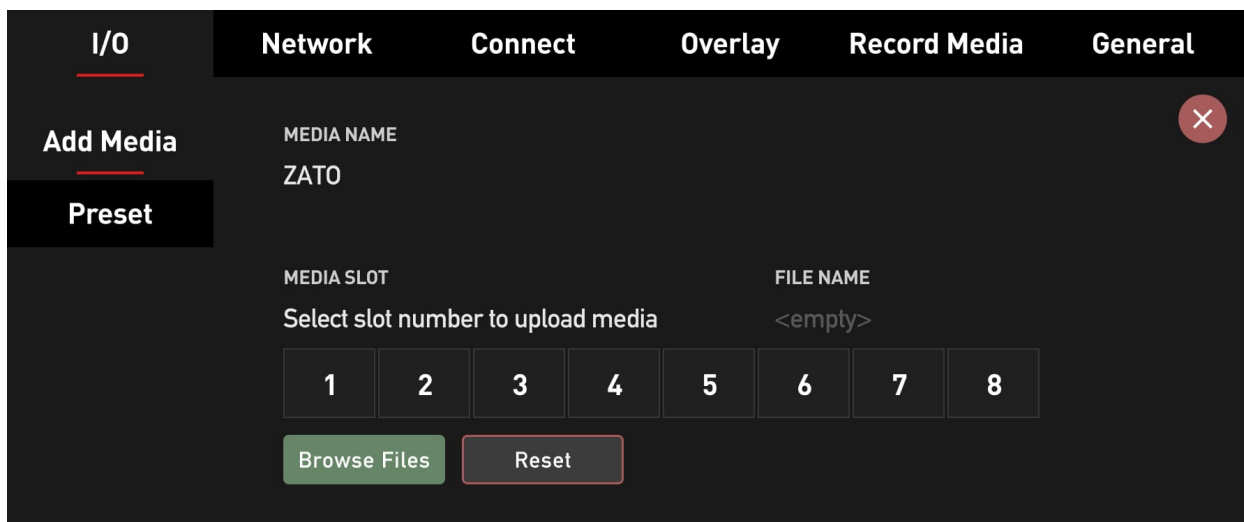
Before you start, transfer some PNG graphics onto your SD Card.

Note: The maximum resolution for PNG files is 1920 x 1080 Pixels. Alpha transparency is fully supported.

After you transferred your overlay graphics to the SD card, insert it into the SD card slot on the right side of the ZATO CONNECT.

Add Media:

In the Overlay tab, start in the Add Media submenu, where you can load up to 8 PNG graphics into the ZATO's media slots.



The screenshot shows the 'Overlay' tab selected in the main menu. The 'Add Media' submenu is active, displaying a form for adding media. The form includes a 'MEDIA NAME' field with the value 'ZATO', a 'MEDIA SLOT' section with a prompt 'Select slot number to upload media' and eight numbered buttons (1-8), and a 'FILE NAME' field with the value '<empty>'. At the bottom, there are 'Browse Files' and 'Reset' buttons. A red 'X' button is visible in the top right corner of the submenu.

I/O	Network	Connect	Overlay	Record Media	General
Add Media					
Preset					
MEDIA NAME ZATO MEDIA SLOT Select slot number to upload media 12345678 Browse FilesReset FILE NAME <empty>					

To add an overlay graphic to a media slot, you first need to select the slot you want to load the graphic into.

I/O **Network** **Connect** **Overlay** **Record Media** **General**

Add Media

Preset

MEDIA NAME
ZATO

MEDIA SLOT
Select slot number to upload media

FILE NAME
<empty>

1 2 3 4 5 6 7 8

Browse Files Reset

Once selected, press Browse Files, which opens up the file browser, allowing you to navigate the folder structure of your SD Card. When you're in the folder containing your PNG graphics, select the file you want to load. A popup will open, asking you if you want to upload this graphic to the previously selected media slot. If you press Proceed, the upload will start, with a loading indicator displaying the progress. Once uploaded, close the confirmation message by pressing Ok.

I/O **Network** **Connect** **Overlay** **Record Media** **General**

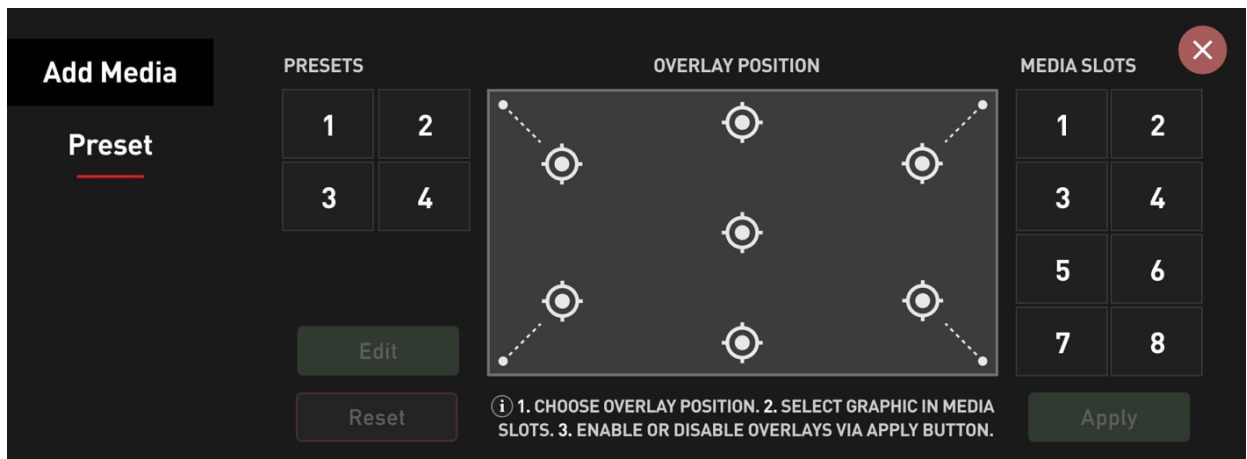
File Name 1
File Name 2
File Name 3
File Name 4
File Name 5

The process is identical for the remaining media slots, so you'll have to repeat this procedure seven more times if you want to fill them all up.

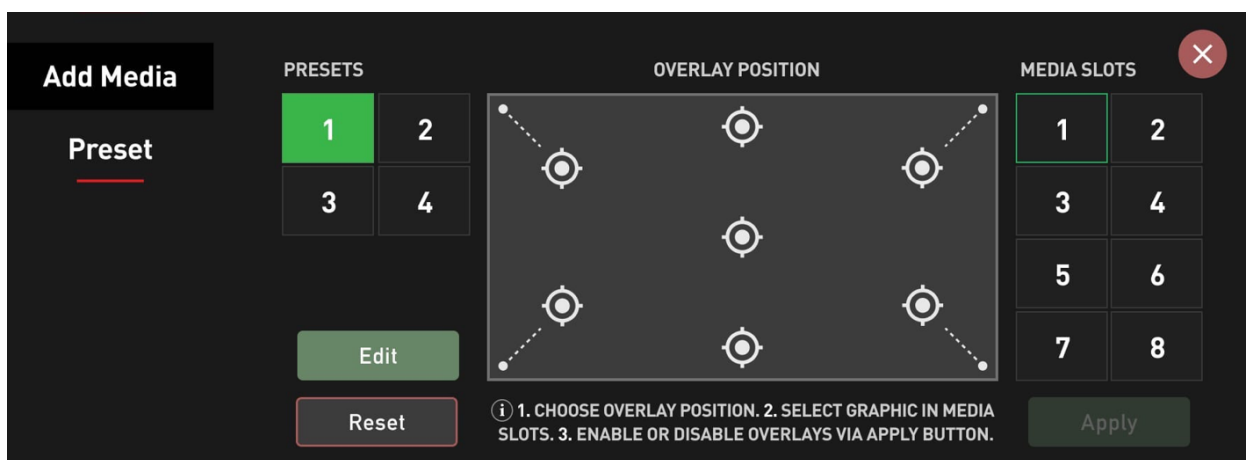
Note: To reset/remove all overlay graphics from the ZATO's internal storage, press the Reset button and confirm the prompt that pops up afterward.

Layout:

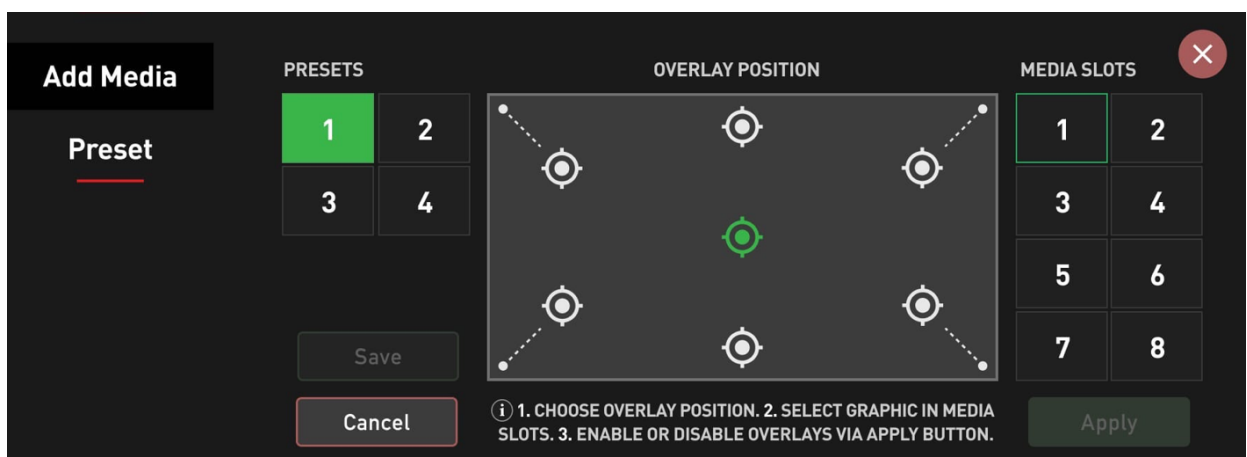
Now that you have loaded your graphics into the media slots, press the Layout tab in the shelf menu on the left, which grants full access to the overlay configuration options. The Layout tab is operated from left to right and consists of three columns: Layout, Overlay Position, and Media Slots.



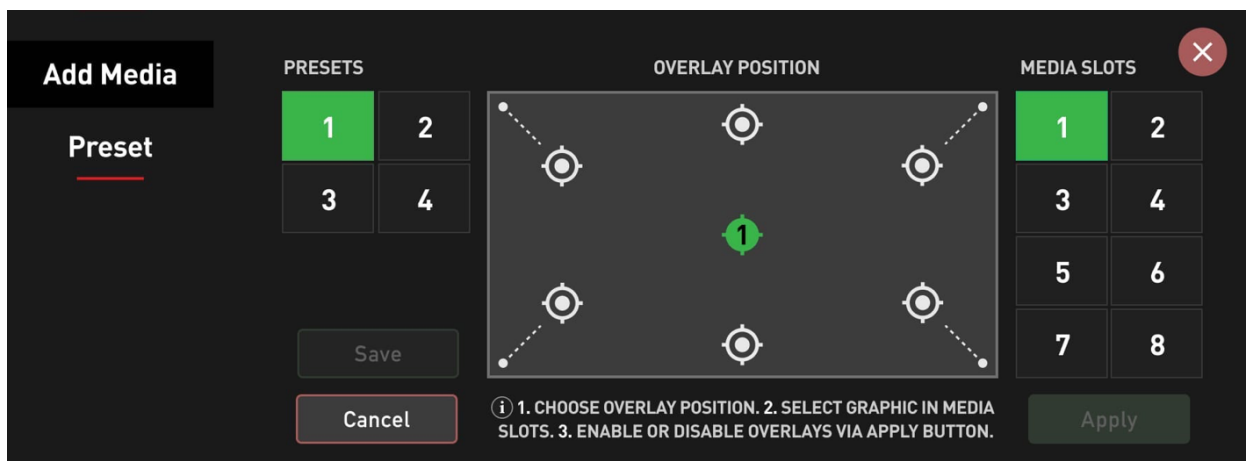
Before you can add an overlay graphic to your image, you need to create a preset. Press on the Preset you want to use and then on Edit, allowing you to configure it freely and to your liking.



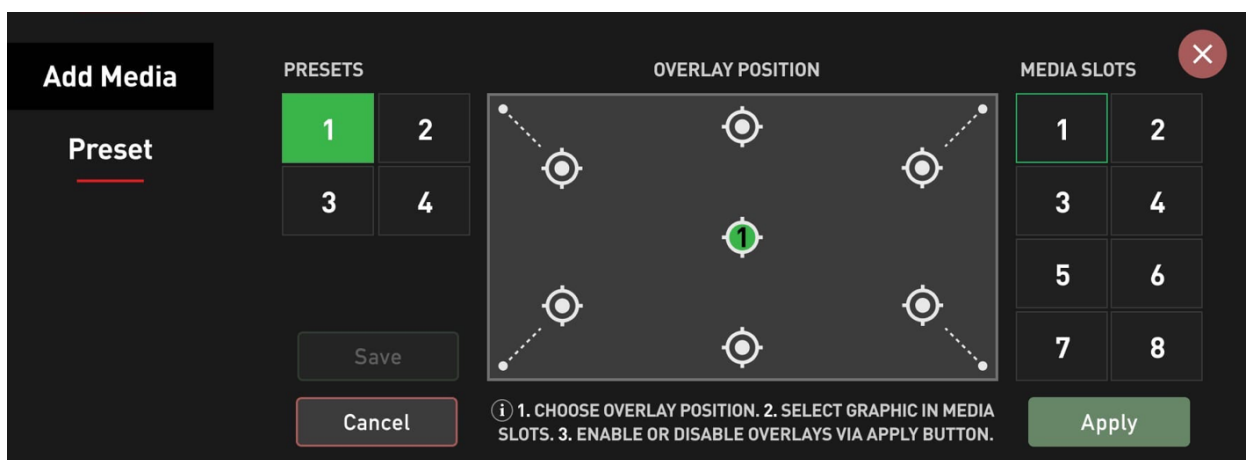
Next, select the Overlay Position you want to assign a PNG graphic to.



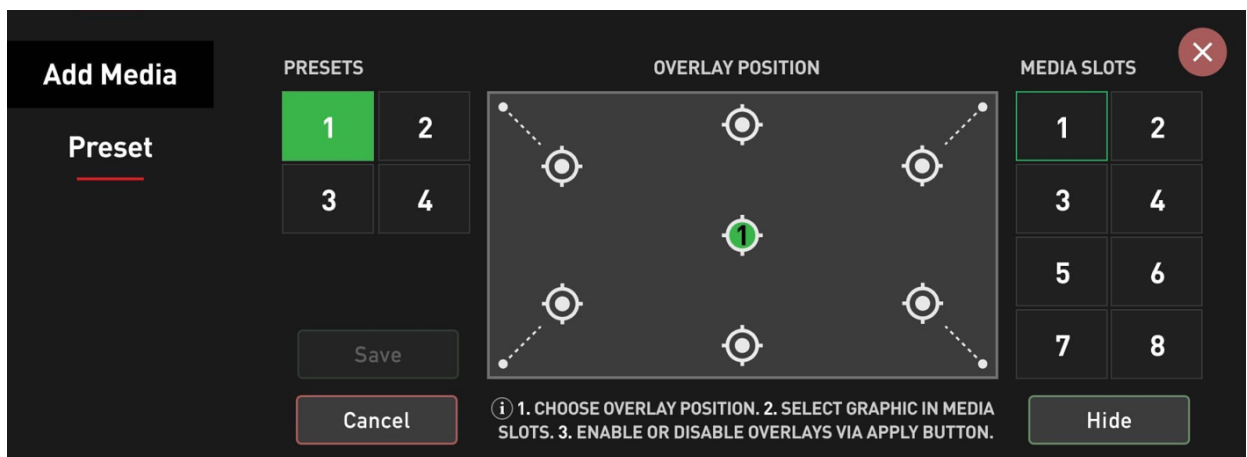
After that, select the graphic you want to use from the Media Slots on the right and press Save.



Repeat this step for all the other overlay graphics you want to add to this particular preset. Once all the position assignments are completed, you may apply the preset to your image by pressing the Apply button in the bottom right corner of this menu.



Once the Apply button is pressed, it changes its state to Hide, so if you press it again, it will hide all overlays currently applied to the image.

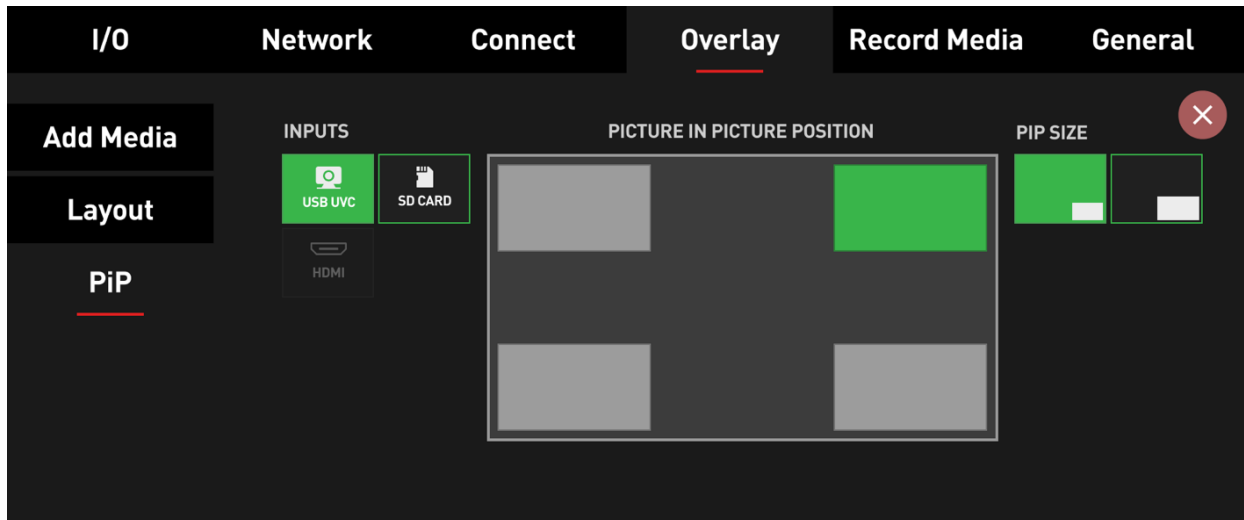


To configure another preset, select it from the Presets section on the left and repeat these steps.

Note: By selecting a preset and pressing Reset, you can remove all position/graphics assignments and start fresh.

PiP:

With the release of AtomOS Lite 10.03.01, we've added the ability to apply PiP overlays to your program stream by choosing one out of three different sources. For configuration, we've added the PiP menu to the Overlay tab.



Selectable Picture-in-Picture sources include USB UVC, HDMI inputs, and also recorded clips from the SD Card.

- Choose USB or HDMI inputs as PiP sources over SD Card playback
- Choose SD Card playback or HDMI inputs as PiP sources over USB
- Choose SD Card playback or USB inputs as PiP sources over HDMI

PiP sources can be set to 1 out of 4 positions (top-left, top-right, bottom-left, bottom-right) and 2 sizes (small & large).

Note: Whilst playing back recorded files from the SD card, either as the main feed or as a PiP source, recording is disabled on the ZATO CONNECT since you can't record and playback simultaneously. Streaming is available, though.

Note: PiP and Overlay presets can be used simultaneously to enhance the production value of your streams.

PIP – BEST PRACTICE GUIDE

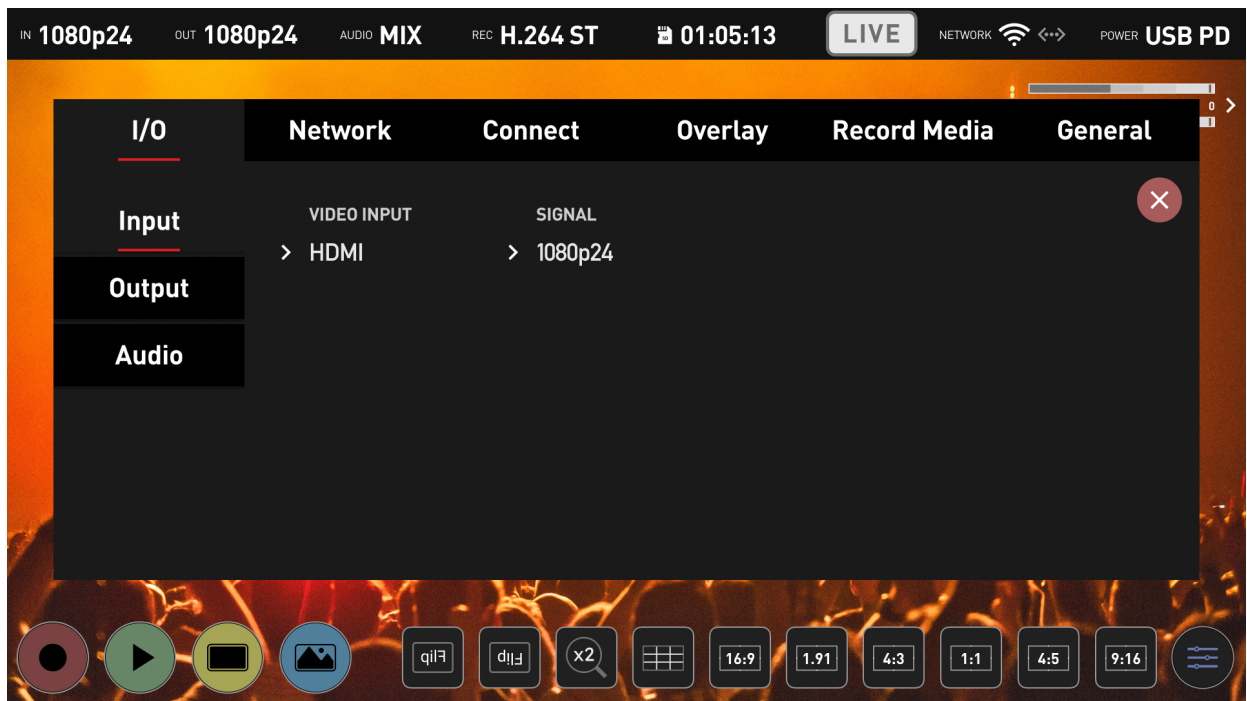
Before you can start using Picture-in-Picture on the ZATO CONNECT, ensure that it's running at least firmware 10.03.01, as this is the version where PiP was introduced to its feature set.

The first step in setting up your ZATO CONNECT for a PiP workflow is selecting your main input source that the PiP overlay will sit on top of. For this, connect either an HDMI device to the ZATO's HDMI Input or a USB UVC device to its USB-1 port.

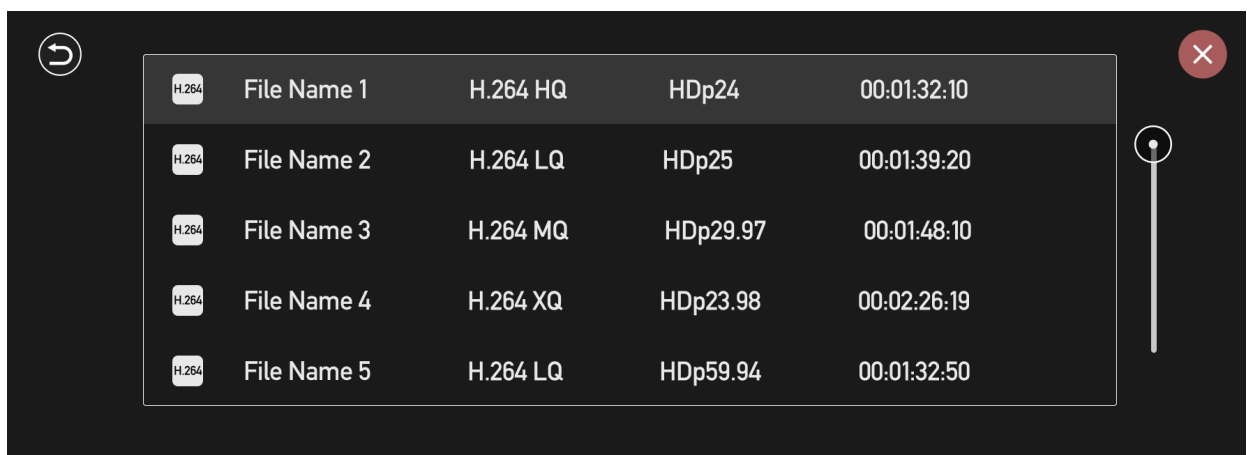


Note: USB-2 is a multi-purpose port that can only be used with the included USB-C to Ethernet adapter, or as a USB UVC output.

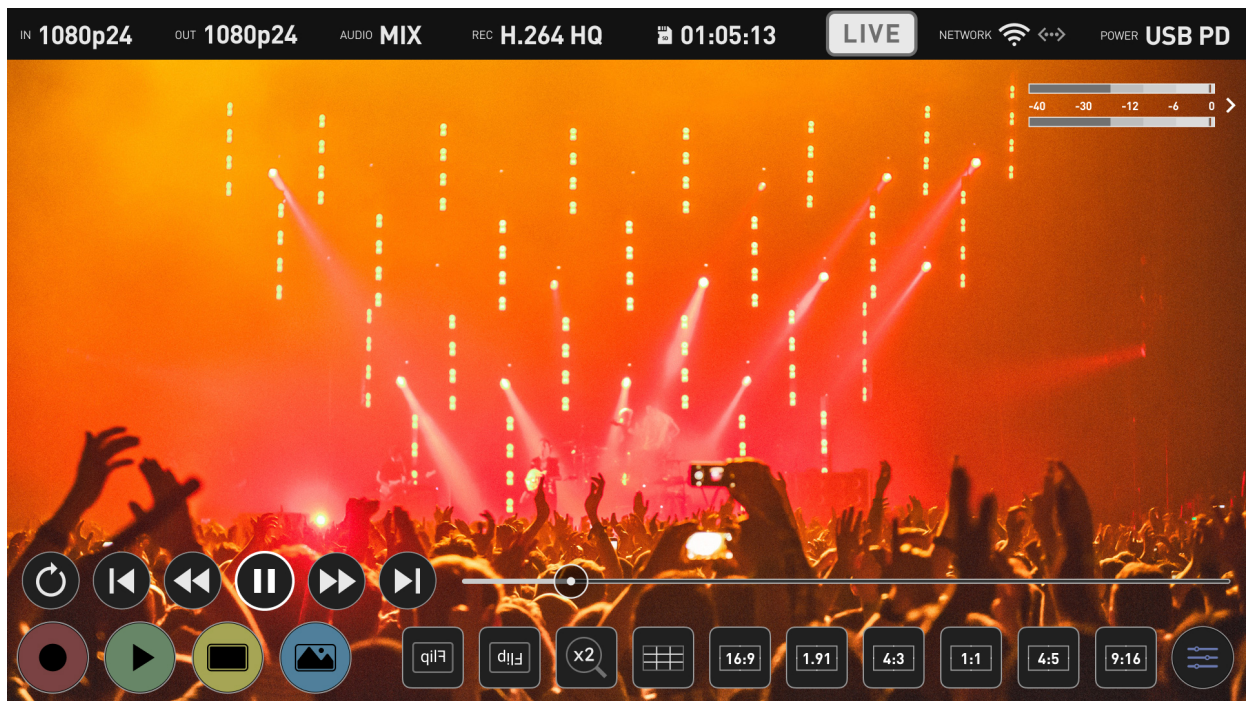
Next, navigate to the Input menu and select either HDMI or USB, depending on the device you previously connected to the ZATO. Immediately after switching to your source of choice, the signal will get displayed in the background.



If you want your main feed to be a playback file from an SD Card instead, select SD Card in the Input menu. A file browser will appear, allowing you to select a clip for playback.



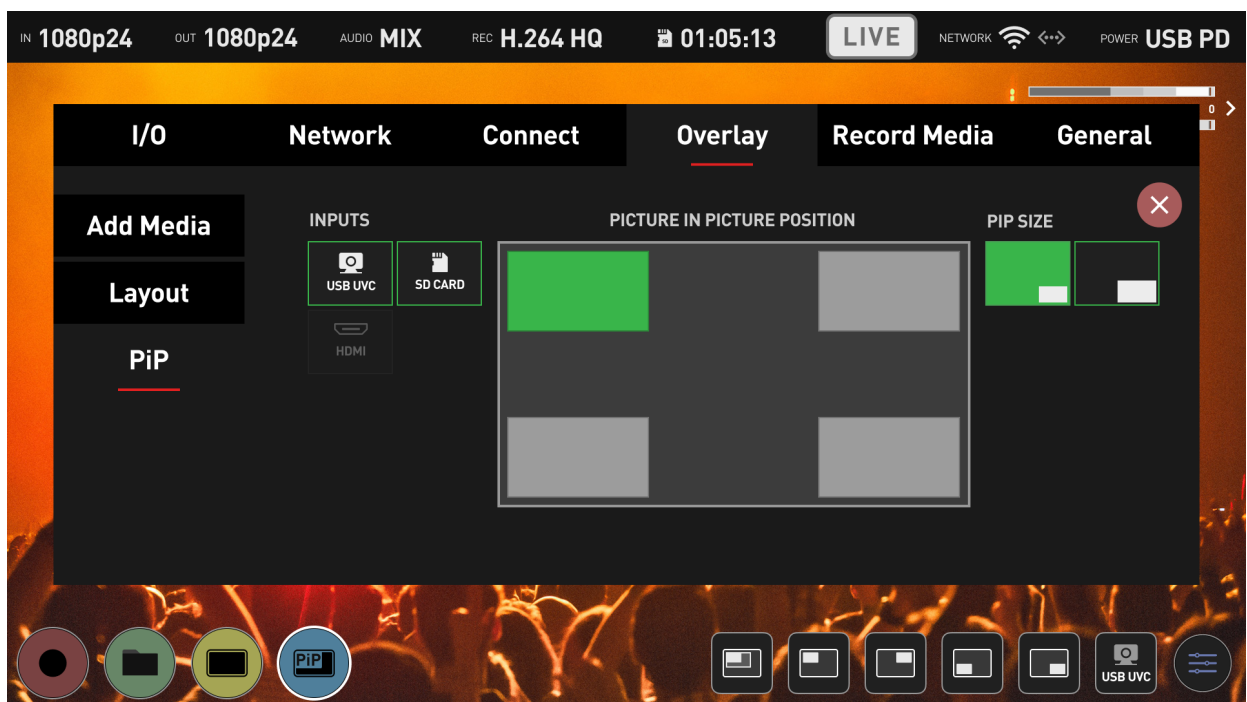
After selecting your clip, it will be displayed full screen, with playback controls appearing on top of the bottom menu row.



Adding a PiP Source to your Program Feed

Now that you've selected your main feed, by choosing either HDMI, USB, or SD Card, we can start adding a PiP overlay.

For this, navigate to the PiP menu within the Overlay tab. Once you're there, you may now physically connect your additional PiP input source to the ZATO CONNECT (HDMI or USB UVC) or select the SD Card if your PiP overlay should be playing back a pre-recorded file. Depending on your previous selection for the main input source, you'll see that you can now select one out of two available PiP input sources.



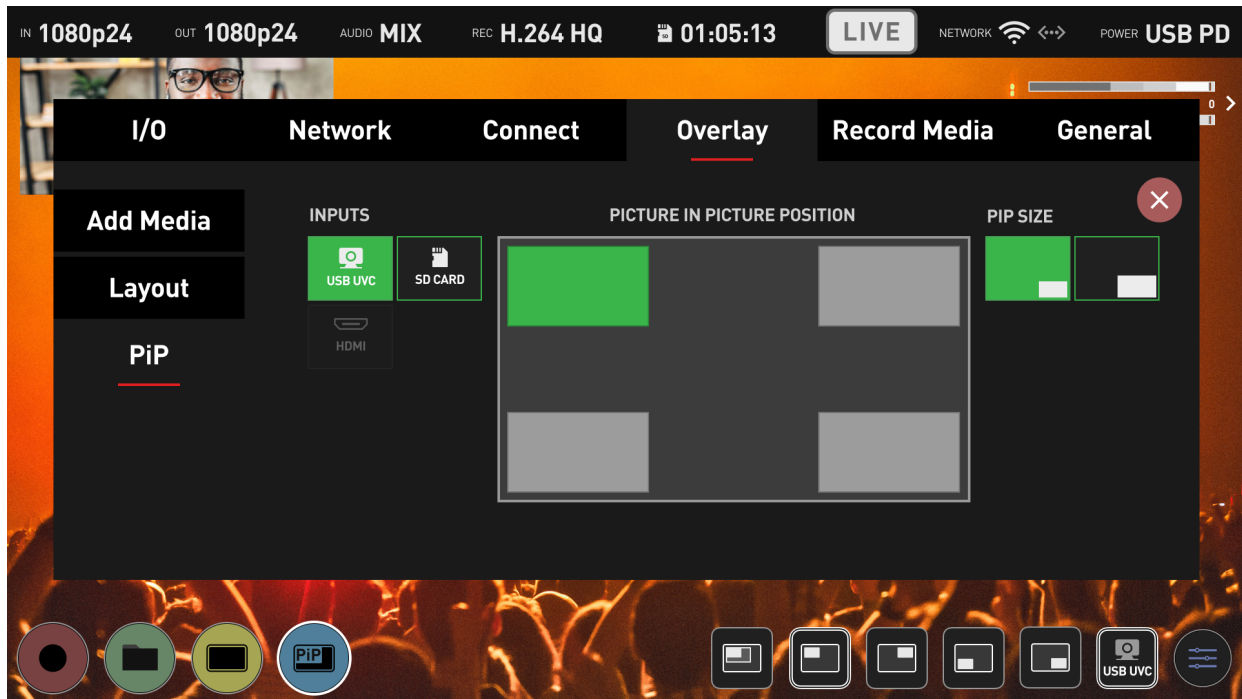
Example 1: If HDMI is your main input source, you can select either USB or the SD Card as a PiP input source.

Example 2: If the SD Card is your main input source, you can select either HDMI or USB as a PiP input source.

Example 3: If USB is your main input source, you can select either HDMI or the SD Card as a PiP input source.

Note: You cannot re-select your main input source as a PiP input source.

After confirming your PiP input source, you'll notice that it will appear in the top-left corner of the screen, as that's the ZATO's default PiP position.



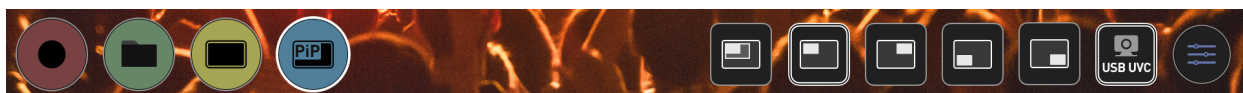
To change the PiP position, select either of the four corners highlighted in the PiP position selector.

If you'd like to adjust the size of the PiP overlay, you can choose between two presets for small and large PiP sizes on the right side of the PiP menu.

Configuring Picture-in-Picture via the Quick Access Bottom Row Menu

If you want to configure your PiP setup without entering the menu system, you can alternatively utilize the PiP section within the new Quick Access Bottom Row Menu.

Pressing the blue Overlay Button in the bottom menu bar cycles between two states. State 1 is for showing or hiding Overlay presets, while State 2 provides you with all the controls you need to make on-the-fly adjustments to your PiP configuration, including PiP size, PiP position, and a PiP source selector.

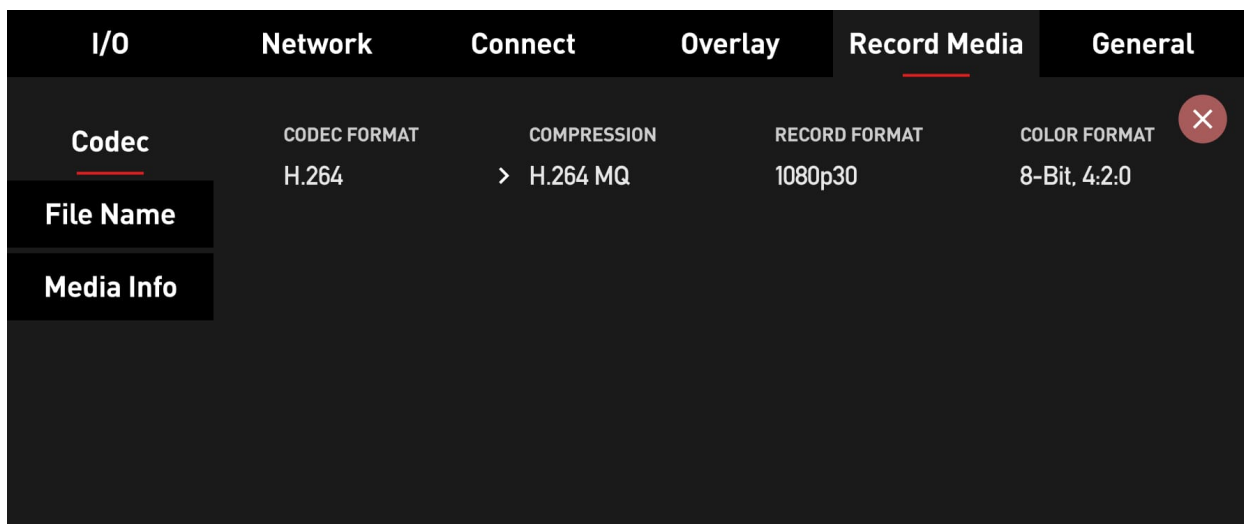


RECORD MEDIA – CODEC, FILE NAME & MEDIA INFO

The Record Media tab acts as the main access point for organization on the ZATO CONNECT. Here, you'll find the Codec, File Name, and Media Info sub-menus.

Codec:

Codec Format details the codec type you're recording in. Presently, only H.264 recording in an MP4 container is available.



Tapping on Compression allows users to cycle through the different record quality options when the ZATO is in its recording mode and not streaming to a platform like YouTube or Twitch. For regular recording, there are 4 compression variants.

LQ: ~5 Mb/s

MQ: ~12 Mb/s

HQ: ~50 Mb/s

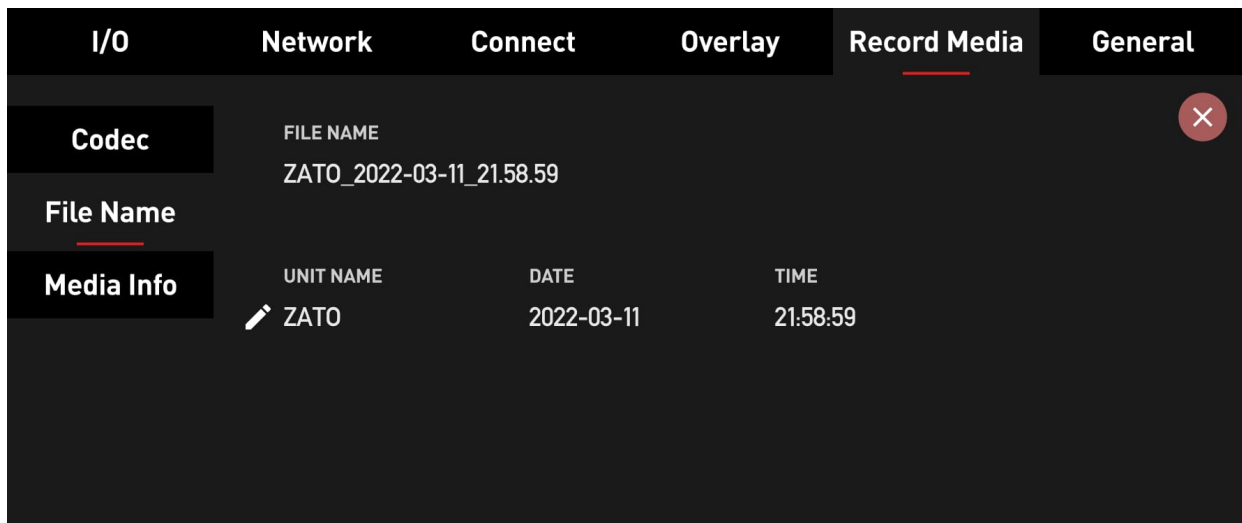
XQ: ~80 Mb/s (All-I)

Note: If the ZATO is streaming to YouTube, Twitch, or Facebook Live, it will display H.264 ST here. This indicates that it's recording the backup at the same bit rate used by the RTMP streaming output.

Record Format highlights the input signal properties, and Color Format displays the color properties of the recorded file. Presently the ZATO is limited to recording in 8-Bit, 4:2:0 only.

File Name:

This is where you can adjust the naming of the files you're going to record with the ZATO CONNECT.



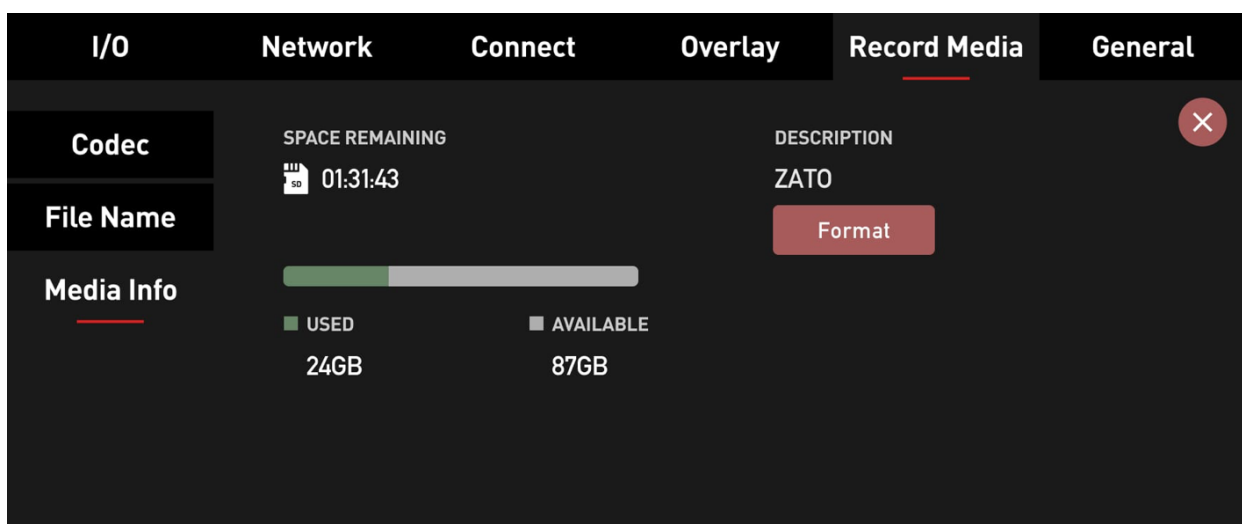
At the top, File Name previews the naming of the file that would be used if you'd press the record button right now.

Under Unit Name, you can personalize the name of your device by entering a new one via the keyboard.

The Date and Time fields are fetched from what you've entered in the Date & Time tab, that can be found in the General menu.

Media Info:

In this menu, you find out how much time remains for recording in the previously selected H.264 compression variant.



Below that, there's a chart displaying the amount of space currently used on the inserted SD Card (displayed in green), as well as the available storage space (displayed in gray).

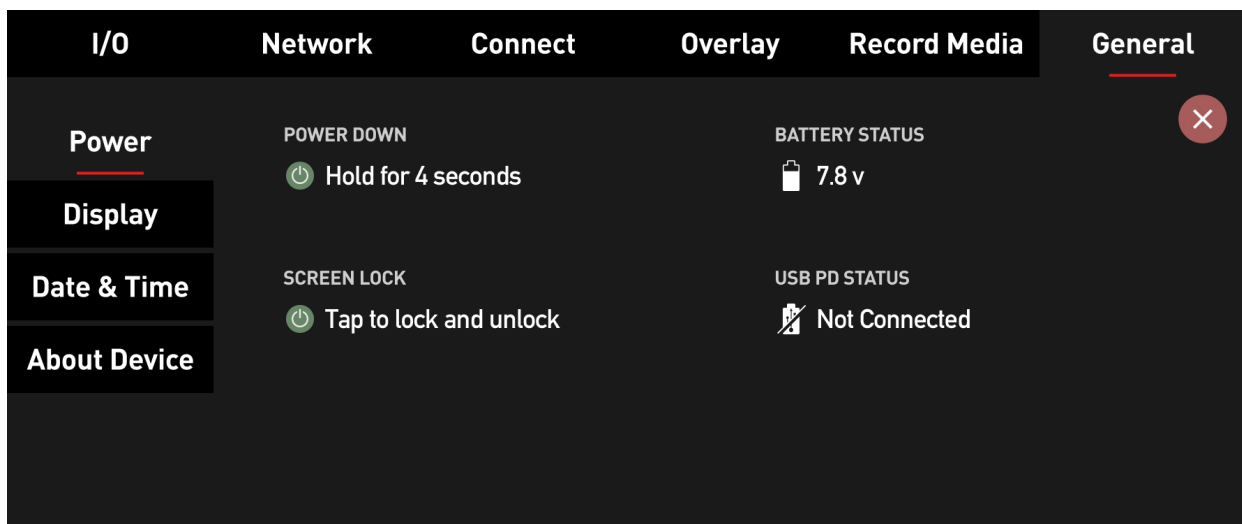
On the right, the name of the SD Card is displayed, and right below it, there's a Format Button. Pressing the Format button brings up a prompt, asking if you really want to format your SD Card, as this action cannot be undone.

GENERAL TAB – POWER, DISPLAY, DATE & TIME, ABOUT DEVICE

The General Tab in the ZATO CONNECT's main menu includes four less frequently visited sub-menus. Power, Display, Date & Time, as well as About Device.

Power:

The Power section provides basic instructions on the multipurpose utilization of the ZATO's power button, as well as providing more information on the Battery & USB PD Status.



To power down the device, hold the power button for 4 seconds.

To engage the Screen Lock, shortly press the power button once. As the name suggests, engaging the Screen Lock blocks all touch screen interaction, making it impossible to accidentally change any device settings.

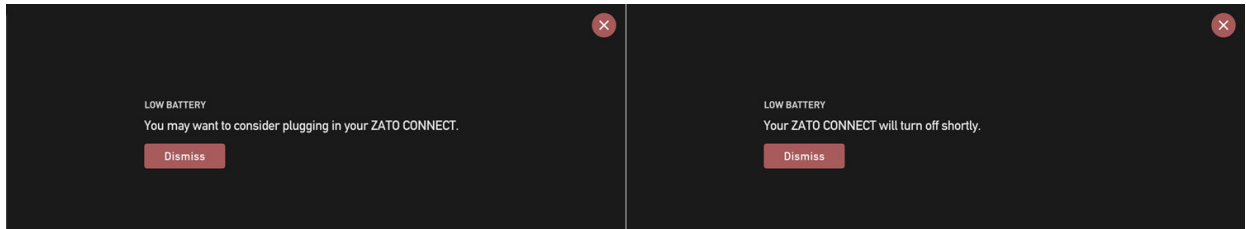
On the right side, there's a battery status indicator for NP-F/L-Series batteries that may be attached to the battery slot on the rear side of the unit.

If you power the ZATO via a NP-F/L-Series battery, the battery icon shows the Battery Status based on a voltage reading.

Right under the Battery Status, there's the USB PD Status display. If you power the ZATO via a USB PD power bank or power adapter, it will provide a voltage reading as well.

Note: If the voltage drops to 6.5V, the ZATO will display a warning message via a pop-up dialog, asking users to connect their device to mains power because the battery is reaching low charge levels. At 6.2V, there's one final warning that the ZATO might turn off momentarily

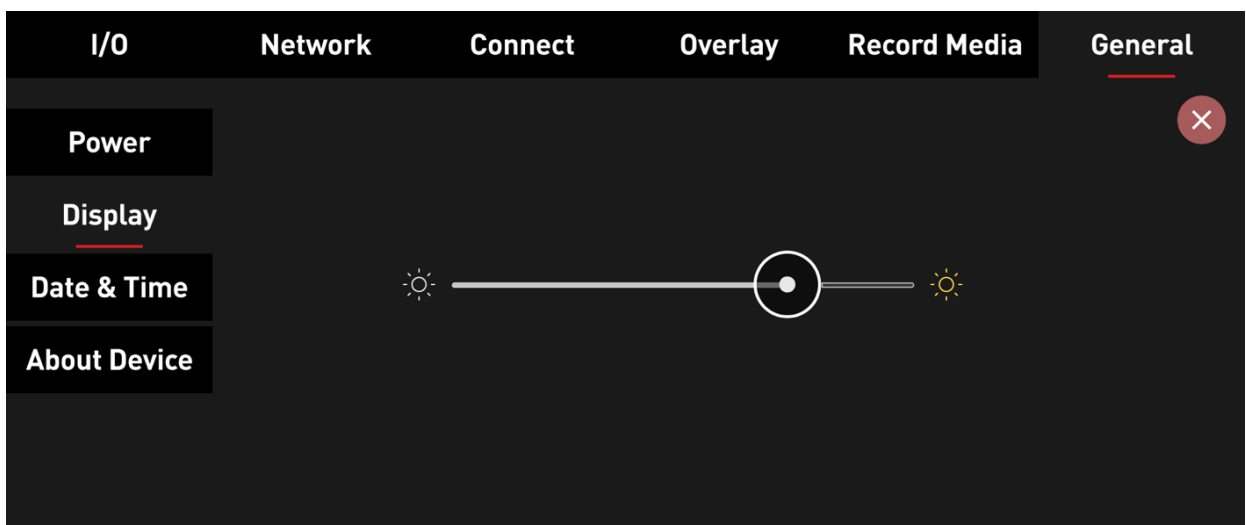
because the attached battery is almost empty.



Note: If the ZATO is powered via USB PD only, the Battery Status up top will read "Not Connected". If it is exclusively powered via a NP-F/L-Series battery, the USB PD Status will read "Not Connected" instead.

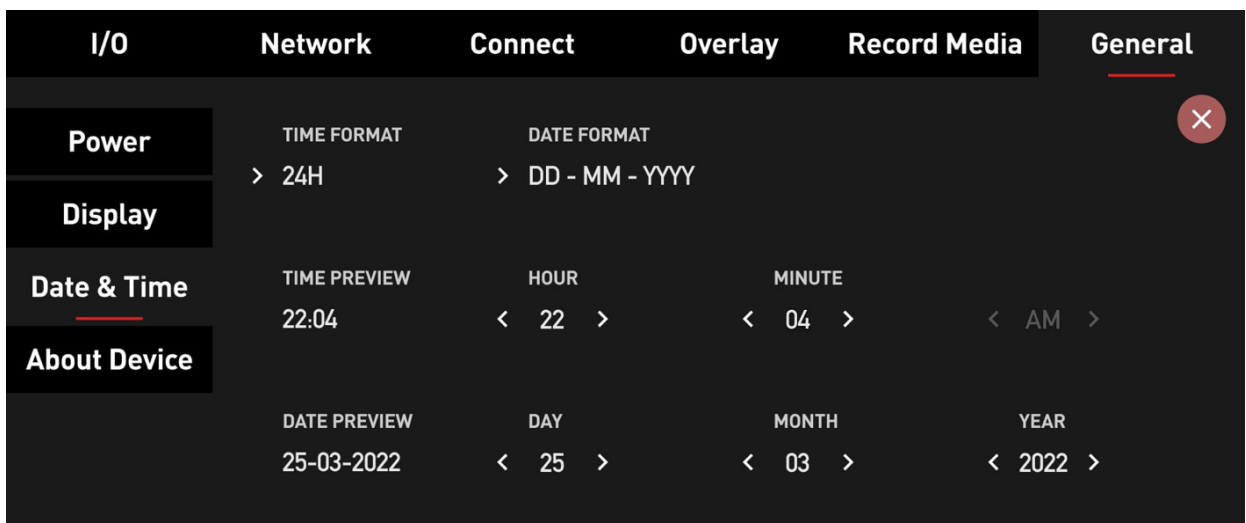
Display:

The Display menu only contains one large horizontal slider, allowing you to adjust the brightness/backlight strength of the ZATO CONNECT.



Date & Time:

In this menu, you can configure the ZATO's handling of the Date & Time.



By pressing on Time Format, you can switch from 24H to 12H time. Under Date Format, you can change the way that the current date is displayed. Available formats are DD-MM-YYYY

(default), MM-DD-YYYY, and YYYY-MM-DD.

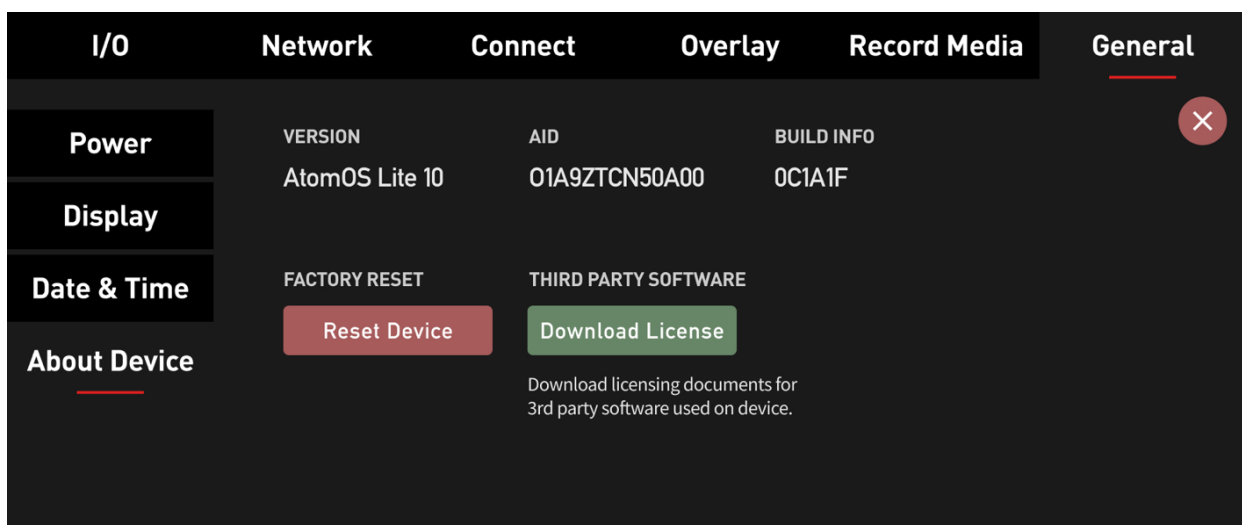
Time Preview shows you the current time you've entered. You can make adjustments by modifying the Hour and Minute fields.

Date Preview highlights the current date that the ZATO is set to. You can adjust the Date by modifying the Day, Month, and Year fields.

Note: Once you've dialed in your Date & Time, the ZATO will keep it, even if you power off the device. The only ways the Date & Time might stop counting is if you reset your ZATO CONNECT, or if the internal battery runs out.

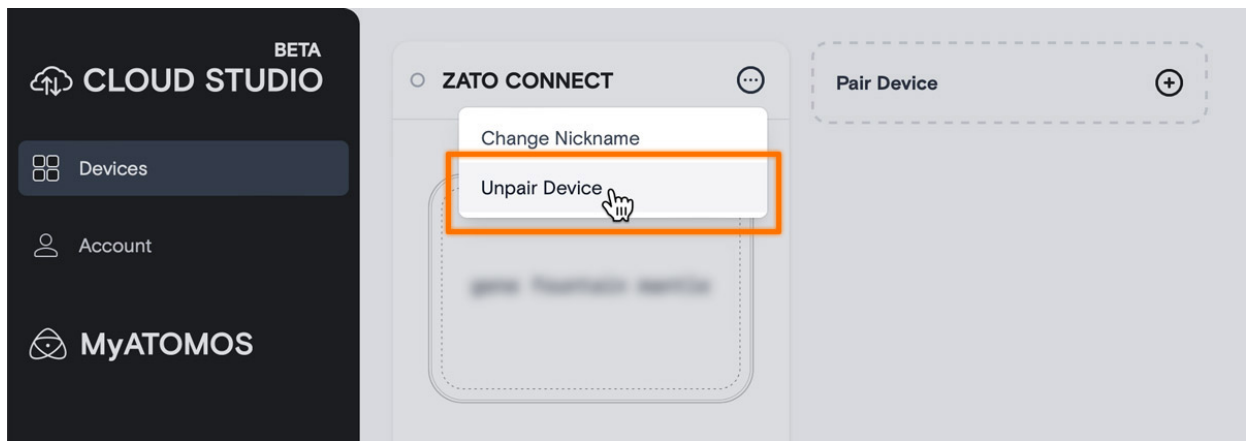
About Device:

The last sub-menu in the General tab highlights the Version number of the firmware that's currently installed on the ZATO CONNECT, the AID, and the firmware Build Info.



You'll also find the Reset Device button here, which resets the ZATO to its factory state. Pressing it and confirming the warning dialog removes everything previously configured on the ZATO CONNECT. This means that all WiFi & Ethernet Network configurations, Overlay Graphics and Presets, Atomos Cloud pairings, and so on will be gone.

Important Note: Before you perform a reset, you will need to unpair your ZATO CONNECT from your Atomos Cloud Studio account (if you've previously paired it). To do this, log into your account via atomos.cloud, and click on the three dots in the top right corner of your device's entry. A dropdown menu will open, allowing you to unpair your device. Once you press unpair device, you will need to confirm your selection once more in another popup menu.



Pressing the Download License button creates a .TXT file on the SD card, including licenses for the 3rd party software libraries we use on the ZATO CONNECT.

ZATO PRODUCT SPECIFICATIONS

Physical Specifications	
Dimensions (W x H x D mm)	151mm / 5.94" x 91,5mm / 3.6" x 29,5mm / 1.16"
Weight	245g / 8.64oz.
Environmental	
Ambient operating temperature	Up to 40 Degrees Celsius
Construction and Control	
Body	Polycarbonate ABS Plastic
Cooling	Passive
Multi-function button	Power / lock Screen
Network Config Settings	Auto-Join WiFi, DHCP, Manual Network Configuration
Power	
Input voltage	6.2V to 16.8V
Operating power	~10W
Compatible batteries	1 x NP-F / L-Series
Battery voltage	7.2V
DC in connector	via locking DC Jack on optional Battery Eliminator (5.5mm OD & 2.1mm ID)
Dtap	Via optional D-Tap to DC cable
USB	USB-C PD (20W recommended)
Display	
Touchscreen	SuperAtom IPS panel (capacitive touch)
Size	5.2"
Resolution	1920 X 1080
Viewing angle	178 + H & V
PPI	427
Bit depth	10-Bit (8+2 FRC)

Backlight Type	Edge
Brightness (cdm2 / nits)	1000
Color Gamut	Rec709
Calibration support	TBC
Video Input	
HDMI	1 x HDMI 1.4
USB	UVC/Webcams up to 1080p60
Bit Depth	8-Bit
Video Chroma Subsampling	YCbCr 420
File Naming	
Standard	Unit Name + Date + Time
Video Output	
HDMI	1 x HDMI 1.4
Network	
Ethernet	via included USB-C Dongle
Wi-fi	WiFi 5
USB Host	USB Webcam
Atomos Cloud	Connect to Atomos Cloud Studio services
Cellular	Connect to Hot Spot via Wi-Fi
Web Streaming	
USB UVC	up to 1080p60
RTMP / S	Authenticate via Atomos Cloud Studio
Audio In/Out	
Audio Quality	16-Bit / 48kHz
Audio Codec	PCM (In & Out) & AAC (Streaming & Recording)

HDMI	2ch, input dependent
Analogue Audio in	3.5mm Jack - 5v power
Analogue Audio Out	3.5mm Jack
Headphone out	3.5mm Jack
Resolution and Frame Rates (Record, Monitor & Playback)	
FHD 1920 x 1080 Progressive	up to 1080p60
Recording CODEC	
H.264	up to 1080p60
Playback	
Loop	Yes
H.264	up to 1080p60
UVC Out	up to 1080p60
Monitoring	
SDR	Rec.709
Multi Input / Switching	
Picture in Picture (PIP)	Picture-in-Picture from webcams / USB UVC devices, HDMI inputs, and recorded clips on SD Card. Select position and size of PiP.
Graphic overlays	Upload custom 1920 x 1080 PNG graphics. Alpha transparency is supported. Can be used simultaneously with PiP.
Supported media	
SD	SD UHS-1 (up to 128GB size)
File System	exFAT, FAT32
On screen tools	
2 x Zoom	Tap to zoom
Social Frame guides	16:9, 1.91, 4:3, 1:1, 4:5, 9:16
Grid markers	9 Grid

Display Flip	Vertical and Horizontal (Selfie mode)
Supported Applications	
Video Codecs	All Applications with support for H.264 in .MP4 wrapper
What's in the box	
Accessories included	2 x Wi-Fi Antennas with black caps, 5 x Antenna colored caps: White/Red/Yellow/ Black/ Green, 2 x Antenna Top Caps, 2 x Antenna Mount Cover, 1 x USB-C to USB-C Cable, USB-C to Ethernet Adapter, 1 x Antenna Storage Pouch, 1 x Quick Start Guide, 1 x Screen Cloth
Warranty	
Standard	1 Year
Target use / User	
Mirrorless Cameras	Yes
Compact Cinema	Yes
Cinema	Yes
Director Monitor	Yes
Games Capture	Yes
Streaming	Yes
DIT/Video Village	Yes
Pro Video	Yes
Gimbal/Crane	Yes
Hobbyist	Yes
Wedding	Yes

ATTESTATION OF CONFORMITY

Attestation Number: AOC RKSA220517001-03

Date of Issue: 2022-06-24

Applicant:

Company name: Atomos Limited

Address: Level 6, 700 Swanston Street Carlton VIC 3053, Australia

Product:

Name: ZATO CONNECT

Model(s): ATOMZATC01

Manufacturer & Address: Atomos Limited

Level 6, 700 Swanston Street Carlton VIC 3053, Australia

Trade Mark:

ATOMOS

Bay Area Compliance Laboratories Corp. (Kunshan) hereby declares that the submitted sample(s) of the above equipment has been tested for CE regulations and in accordance with the European Directives and Standards:

Radio Equipment Directive 2014/53/EU

Essential Requirements		Harmonized Standards	Test Report Number
RED Article 3.1(a)	Health	EN IEC 62311:2020	RKSA220517001-01E
RED Article 3.1(a)	Safety	EN IEC 62368-1: 2020+A11:2020	RKSA220517001-SF-01
RED Article 3.1(b)	EMC	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-17 V3.2.4 (2020-09)	RKSA220517001-02
RED Article 3.2	Radio	ETSI EN 300 328 V2.2.2 (2019-07)	RKSA220517001-01A
			RKSA220517001-01B
			RKSA220517001-01C
		ETSI EN 301 893 V2.1.1 (2017-05)	RKSA220517001-01D



Mark is permitted only after all applicable requirements are met in accordance with the CE regulation requirements, including the manufacturer's issuance of a "Declaration of Conformity". The Declaration of Conformity is issued under the sole responsibility of the manufacturer. This attestation is specific to the standard(s) stated above and compliance with additional standards and/or CE regulations are applicable.

Attestation by:

Lab. Manager: Oscar Ye

Signature:

Oscar Ye

