Manuals+ — User Manuals Simplified.

YOLOLIV YoloBox Mini Ultra Portable Smart Live Streaming Encoder User Manual

Contents

YOLOLIV YoloBox Mini Ultra Portable Smart Live Streaming Encoder

Specifications

- **Product Name:** YoloBox Ultra
- **Function:** Live streaming
- **Interfaces:** HDMI IN 1, HDMI IN 2, HDMI IN 3, HDMI IN 4, HDMI OUT, ETHERNET PORT, USB Type-A 3.0 (x2), USB Type-C (charging), LINE IN (3.5mm), MIC IN (3.5mm), AUDIO OUT (3.5mm), USB Type-C, 1/4" Screw Hole (x2), Nano-SIM Card Holder, SD Card Holder, Power Button

Product Usage Instructions

Safety Precautions

Please follow these precautions to prevent injury to yourself and others:

- Make sure the power plug is fully plugged in.
- Do not touch the power plug with wet hands.
- When unplugging, hold the power plug and do not pull the power cable.
- Do not scratch, cut, or over-bend the power cord, and do not place heavy objects on the power cord.
- Do not bend or tie the power cord.
- Do not connect more than one power plug to one power outlet.
- Do not use power cables with damaged wires or damaged insulation.

Operation Precautions

Before using this product, please take note of the following precautions:

- If you are using a memory card that has been used on another device or computer, use this product to format that memory card.

Memory Card Usage Instructions

Follow these instructions for using a memory card:

- **FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance

could void the user's authority to operate this equipment.

- 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 methods:
  - Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and the receiver.
  - Connect the equipment to 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.

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
2. this device must accept any interference received, including interference that may cause undesired operation.

About YoloBox Ultra

YoloBox Ultra is the ultimate YoloBox experience, allowing you to stream vertically or horizontally to your favorite platforms.

What's In the Box

- YoloBox Ultra
- USB Charge Cable (x2)
- Hotshoe Mount
- User Manual
- SIM Card Eject Pin

Ports Info

The YoloBox Ultra features the following ports:

1. HDMI IN 1
2. HDMI IN 2
3. HDMI IN 3
4. HDMI IN 4
5. HDMI OUT
6. ETHERNET PORT
7. USB Type-A 3.0 (x2)
8. USB Type-C (Only for charging)
9. LINE IN (3.5mm)
10. MIC IN (3.5mm)
11. AUDIO OUT (3.5mm)
12. USB Type-C
13. 1/4" Screw Hole (x2)
14. Nano-SIM Card Holder

15. SD Card Holder
16. Power Button

FAQ

Q: How can I provide feedback or suggest a new feature?

- **A:** You can email us your suggestions and feedback at **contact@yololiv.com**.

Q: Where can I get support or report an issue?

- **A:** If you encounter any issues or problems with the product, please contact YoloLiv Quick Repair Center or the Dealer where you purchased the product.

Thank you for choosing YoloLiv!

Making pro video accessible for everyone is the mission of YoloLiv.We value your feedback! Email us your suggestions and let us know how you think we're doing and where you'd like to see our products **improve.contact@yololiv.com**

Technical support

- YoloLiv's products are backed by our professional support team. You can reach our team in several ways:
- Email **contact@yololiv.com**
- Directly contact us via Messenger by going to our Facebook Page"YoloLiv Technology"
- Join our Official YoloLiv Users Group on Facebook, where you can ask questions, get help, or share your tips and tricks
- Fill out a contact form or live chat on Messenger from here: **www.yololiv.com/contact-us**

Suggest a feature

- Have a great idea for a new feature? Tell us about it via **contact@yololiv.com**

Issue Report

- Gather as much information about your problem as you can before you contact us so we can help you better, including:·
- A description of the issue (ideally with pictures or videos)
- A description of the issue (ideally with pictures or videos)
- A description of the issue (ideally with pictures or videos)
- Details about your video or audio source (product model, ports, resolution, etc.)
- Product serial number
- Your account email
- Firmware & software version
- As many details as possible (For example, for audio/video issues, what is the camera brand & model,

resolution/fps setting, internet connection, etc)

Please refer to this manual while using YoloBox Ultra to familiarize yourself with this product:

- When reading this manual, please carefully understand the technical parameters and functional interfaces contained in the product, so that you can better Learn more about this product.
- Please be sure to keep this manual safe so that you can refer to it again when necessary.

Safety Precautions

- The following precautions are intended to prevent injury to you and others. Before you start using this product, be sure to understand and follow these precautions.
- If there is any malfunction, problem, or damage to this product, please contact YoloLiv Quick Repair Center or the Dealer where you purchased this product.
- **Warning:** Follow these warnings to prevent death or serious injury.

To avoid fire, overheating, chemical leakage, explosion, and electric shock, please follow the following safety precautions:

- Do not use any batteries, power supplies, or accessories other than those specified in the instructions. Do not use homemade batteries or modified batteries, and do not use them if the product is broken.
- Do not short-circuit, disassemble, or modify the battery. Do not heat or weld batteries. Do not allow the battery to come into contact with fire or water. Do not expose the battery to a strong physical impact.
- Do not insert the positive and negative battery terminals in reverse.
- Do not charge the battery at a temperature beyond the allowable charging (operating) temperature range. In addition, do not exceed the charging time indicated in the instruction manual.
- Do not replace the battery without permission.
- Do not insert any metal objects into the heat dissipation holes, charging port, or other functional interfaces of the product.
- When discarding used batteries after maintenance, use adhesive tapes to insulate battery electronic contacts. If it comes into contact with other metal objects or batteries, it may cause a fire or explosion.
- If the battery overheats, or emits smoke or smoke while charging the battery, unplug the battery charger from the electrical outlet immediately to stop charging. Otherwise, fire, heat damage, or electric shock may result.
- If the battery leaks, changes color, deforms or emits smoke or fumes, disconnect the power immediately and stop charging. Avoid burns during operation. If continued use, it may cause fire, electric shock, or scalding.
- Do not allow leakage from the battery to come into contact with eyes, skin, or clothing, as this can cause blindness or skin damage. If the battery leak comes into contact with eyes, skin, or clothing, immediately rinse the contact area with plenty of water (do not rub) and seek medical attention immediately.
- Do not keep any power cable close to the heat source; otherwise, the power cable may be deformed by heat or melt its insulation layer, which may cause fire or electric shock.
- Do not hold the product in the same position for a long time. Even if the product does not feel too hot, prolonged contact with the same body part may cause skin redness or blistering due to low-temperature contact burns. A tripod is recommended when using the product in very hot places, or for people with circulation problems or dull skin sensation.

- When products or accessories are not in use, be sure to keep the device turned off and unplug the charging plug. This is to prevent electric shock, overheating, fire and corrosion.
- Do not use this device in an environment with flammable gases to avoid explosion or fire. If the shell of the device is broken and internal parts are exposed, do not touch the exposed internal parts. Otherwise, there is zero chance of electric shock. Do not disassemble or modify the equipment yourself. Internal high-voltage parts can cause electric shock. Keep this device out of the reach of children and infants (including when using it). Electrical cords can cause accidental suffocation, electric shock, or injury. A stroke or injury may also occur if a child or infant accidentally ingests product parts or accessories. If this happens, seek immediate medical attention.
- Do not use or store the device in dusty or damp places to prevent short circuits. This is to prevent fire, overheating, electric shock, and burns.
- Before using this product on an airplane or in a hospital, please first verify that the product is available for use in the location. The electromagnetic waves emitted by the product may interfere with the operation of aircraft instrumentation or medical equipment in hospitals.

To avoid fire or electric shock, follow the following safety precautions:

1. Make sure the power plug is fully plugged in.
2. Do not touch the power plug with wet hands.
3. When unplugging, hold the power plug and do not pull the power cable.
4. Do not scratch, cut, or over-bend the power cord, and do not place heavy objects on the power cord.
5. Do not bend or tie the power cord.
6. Do not connect more than one power plug to one power outlet.
7. Do not use power cables with damaged wires or damaged insulation.

- Periodically remove the power plug and clean the dust around the power socket with a dry cloth.
- If the surrounding environment is dusty, wet, or greasy, the dust on the electrical outlet may become wet and cause a short circuit in the outlet, which can lead to a fire.
- Do not connect the product charging port directly to an electrical outlet or a cigarette lighter outlet in your car. Batteries may leak, generate excessive heat, or explode, which can cause fires, burns, or other injuries
- Adults are required to provide detailed instructions on how to use the product when it is used by children and to supervise the use of the product by children. Improper use may result in electric shock or other injury.
- Do not cover or wrap this product with cloth. Otherwise, it will cause deformation of the shell or cause fire due to poor heat dissipation.
- Be careful not to get the product wet. If the product falls into the water or if water or metal enters the product, unplug the power supply immediately or stay away from the product. This is to prevent fires, explosions, electric shocks, and burns.
- Do not use paint thinner, benzene, or other organic solvents to clean this product, otherwise, it may cause fire or harm your health.
- **Warning:** Follow these warnings to prevent death or serious injury.
- Do not use or store this product in a hot place such as a car under the hot sun, as this product may become hot and cause burning injuries. Doing so may also cause the battery to leak or explode, thereby reducing the performance of this product or shortening its life.
- After this product is installed on the tripod, do not carry it to move, otherwise it may cause injury or accident.

Please also confirm the tripod can firmly support the body of the product.

- Do not leave this product in a low-temperature environment for a long time. The temperature of this product will decrease and may cause injury when touched damages or damage the screen.
- When using audio playback, do not change the sound recording Settings. Otherwise, the monitoring sound of the headset may suddenly increase, which may damage your hearing.

Product maintenance

- This product is a precision instrument, do not drop it or expose it to physical impact.
- This product is not waterproof and cannot be used underwater.
- If there is water on the product, wipe it with a clean dry cloth. If there is dirt, dust, or salt on the product, wipe it with a clean, damp cloth that is wrung out.
- Using the product in an area with a lot of dirt or dust may cause a malfunction.
- It is recommended to clean the product immediately after use. If there is dirt, dust, water, or salt on the product, it may cause failure.
- If the product accidentally falls into water or is concerned that moisture, dirt, dust, or salt may enter the product, please consult the product customer service center immediately.
- When using products near objects with strong radio waves or placing products near such objects, such as large antennas, strong magnetic fields may cause product misoperation or destroy audio and video data.
- Do not place this product in a place where the temperature is too high, such as in a car in direct sunlight. High temperatures may cause product failure.
- There are precision electronic circuits in the product, do not disassemble the product yourself.
- If the product suddenly enters a warm room from a low temperature, it may cause condensation on the surface of the product and its internal parts. To prevent condensation, put the product in a sealed plastic bag first, and then take it out of the bag after the temperature gradually rises.
- If the product appears dew, do not use, so as not to damage the product. If there is condensation, do not turn on the device immediately to avoid device failure or battery fire or explosion caused by short circuit. Wait until the condensation evaporates before using the product.
- If the product is not used for a long time, please place the product in a dry and cool place with good ventilation. During storage, please charge the product once in a while to confirm the service life of the lithium battery and the normal operation of the product.
- Avoid storing products in chemical laboratories and other places where there are chemicals that cause rust and corrosion.
- If you have not used the product for a long time, test all functions before use. If you have not used the product for a while or if there is an important scenario to use (such as going abroad), please have the after-sales technician assist you in checking the product or you check the product yourself and make sure it works properly.
- If the product is reused for a long time, real-time display or audio and video data transmission, the product may become hot, which is not a fault.

Liquid crystal display instructions

- Although the LCD screen is manufactured with very high precision technology, its effective pixels are as high as 99.99% or more, but 0.01% or less of the pixels may have bad spots, there may be black, red, or other color

spots, and bad spots are not faults. Bad spots do not affect your output of video images.

- If the LCD screen is left on for a long time, there may be a screen shadow phenomenon, which is to see the residual image of the displayed image on the screen. However, this condition is only temporary, and after a few days of not using the device, it will disappear.
- The LCD may display slower at low temperatures and darker at high temperatures, and it will return to normal at room temperature.

Memory card usage instructions

- To protect the memory card and recorded data from corruption, please note the following.
- Do not drop, bend, or get wet the memory card. Do not apply excessive force to it, so that it is subject to physical impact or vibration.
- Do not touch the electronic contacts of the memory card with your fingers or any metal objects.
- Do not paste any stickers etc on the memory card.
- Do not store or use memory cards near anything with a strong magnetic field, such as televisions, speakers, or magnets. Also, avoid places that are prone to static electricity
- Do not expose the memory card to sunlight or close to heat sources.
- Do not store the memory card in the product card slot for a long time.
- Do not store memory cards in hot, dusty, or humid environments.
- If it is a new memory card or a memory card that was previously formatted (initialized) with another device or computer, use this product to format that memory card.

Charger, battery instructions

- This product can be used for chargers that meet the corresponding national or regional standards and are compatible with the PD3.0 fast charge protocol. (It is recommended to use a charger with a power of 45W and above to charge, and the charger with a smaller power will fail during the process of charging and using the product, which is caused by the smaller power of the charger, not equipment failure or battery failure)
- Fully charging a fully drained battery at room temperature (23°C) takes about 4 hours and 30 minutes. The time required to charge the battery varies greatly depending on the ambient temperature and the remaining battery power.
- Charging during use will make the charging time longer.
- For safety reasons, charging at low temperatures (5°C – 10°C) takes longer (up to about 6 hours).
- The battery was not fully charged at the time of purchase.
- Charge the product battery before use.
- Charge the product the day before or on the same day you use it.
- Even during storage, a charged battery will gradually discharge and lose its charge.
- After charging, remove the charger from the power socket in time
- Chargers compatible with the protocol can also be used abroad. The charger input power supply is compatible with 100 V AC to 240 V AC, 50/60 Hz power supply.
- If necessary, please install the plug charger available in the corresponding country or region. Do not install any portable transformer to the charger, otherwise it will damage the charger.
- If the battery is quickly depleted after a full charge, the battery has reached the end of its useful life. Contact the manufacturer or seller to purchase a new battery.

- After unplugging the charger, do not touch the plug for about 10 seconds.

Memory card usage instructions

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

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation. The symbol for "ENVIRONMENT PROTECTION" is electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

FCC Caution:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
Note:
This equipment has been tested and found to comply with the limits for a Class B digital device, according 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 under 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 the receiver.
- Connect the equipment to 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.

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
2. this device must accept any interference received including interference that may cause undesired operation.

About YoloBox Ultra

YoloBox Ultra is the industry's YoloBox & Instream In One, live stream vertically or horizontally to your favorite platforms.

Advantages:

- **Up to 4** HDMI inputs
- **Stronger CPU:** 865 Qualcomm Snapdragon
- **No Computer or** OBS required
- **All-In-One:** Encoder, switcher, recorder, monitor all in one

- **YoloBox & Instream in one:** support horizontal and vertical steaming
- **Touch screen control:** Production at your fingertip, great ease to operate

Pro Features:

4K streaming:

- Support streaming up to 4K, a huge leap forward for video quality.

ISO recordings:

- Capture all the video inputs as well as the program video and save them separately. You can also adjust the resolution, frame rate, and bit rate for each recording accordingly.

Cellular Bonding:

- Combine up to 4 internet sources – 4G LTE cellular, WiFi, Ethernet, and USB Dongle – into a single faster, more reliable connection. Enjoy a high-quality video experience without interruptions.

Horizontal streaming:

- Support streaming up to 3 destinations simultaneously like YouTube, Facebook, Twitch, etc.Support streaming up to 4K, a huge leap forward for video quality.

Vertical streaming:

- Support streaming up to 2 destinations simultaneously like Instagram, TikTok, etc.

Built-in Chroma Key:

- Seamlessly add a different background of a design for your live productions with the magic of Chroma Keying in a few taps.

Video Cropping:

- Whether to remove some unwanted margin of video input, resize game capture, zoom video conferencing, or create a close-up view, video cropping has all you need.

Instant Replay:

- Jump back to any point in the game or a show with preset video duration and playback video speed. Create highlight clips with the click of a button.

Web URL Overlay:

- Incorporate professional-grade live graphics in minutes on any production. Control from anywhere via your browser.

Auto Switching:

- You can pick video sources, how long to stay on each one, and even prioritize the main camera, we will automatically switch for you. Perfect for single-person multi-cam live productions.

Wireless Phone Camera/Invite Guests:

- Invite up to five guests to join your stream from anywhere. Create dynamic, collaborative live streams with guests even though they cannot be on site.

Audio Mixing:

- Built-in audio mixer with easy setup. Fine-tune each channel of audio individually to deliver the best sound to your audiences.

Graphic Overlays:

- Show off your brand, keep score, and always look professional with graphics support. Choose from images, lower thirds, scoreboards, countdown timer overlays, titles, logos, social overlays, and web URL overlays.

Multiple Multi-views:

- Multiple video layouts to match your diverse streaming scenarios and help level up your production with ease. Choose from PIP, Side by Side, Split View, News Layout, and Triple.

What's In the Box

YoloBox Ultra   -

USB Charge Cable *2   -

Hotshoe Mount   -

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SIM Card Eject Pin   -

Ports Info
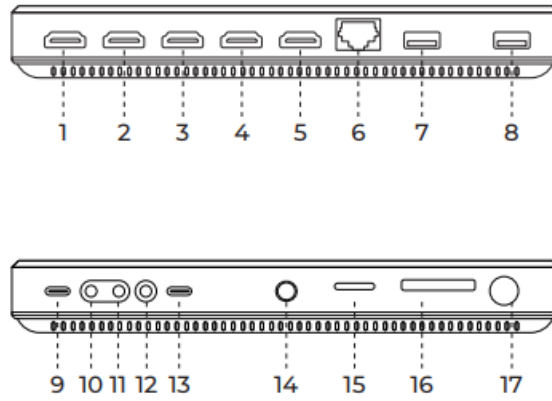
1. HDMI IN 1
2. HDMI IN 2
3. HDMI IN 3
4. HDMI IN 4
5. HDMI OUT
6. ETHERNET PORT
7. USB Type-A 3.0
8. USB Type-A 3.0
9. USB Type-C (Only for charging)
10. LINE IN (3.5mm)
11. MIC IN (3.5mm)
12. AUDIO OUT (3.5mm)
13. USB Type-C
14. 1/4" Screw HoleScrew Hole
15. Nano-SIM Card Holder
16. SD Card Holder
17. Power Button

Tech Specs

Interface	HDMI IN*4; USB-A 3.0*2; HDMI OUT 1; Ethernet; LINE IN(3.5mm); MIC IN(3.5mm); AUDIO OUT(3.5mm); Nano-SIM Card Holder; 1/4″ Screw Hole; SD Card Holder; USB Type-C (Only for charging) USB Type-C (Full-function interface)
Input Power	5V/9V/12V/15V 3A
Power Consumption	<45W
Power Supply	USB Type-C
USB Rated Output	USB-A: 5V 1A
Battery Capacity	6800mAh(≈75.48Wh)
Dimensions	(LxWxH) 219x140x27.1mm
Net Weight	≈980g
Monitor Screen Size	8 inch LCD Resolution: 1200*1920; Brightness: 650nits; Contrast ratio (1500:1)Viewing Angle (full viewing Angle); NTSC 80%

Local Video Inputs	HDMI, USB-A
Video Over Ethernet	RTMP/RTMPS/SRT
Video Input Connectors	HDMI, USB-A, RJ-45, USB Type-C
Video Input Aspect Ratios Video	4:3, 16:9, 1:1
input Deinterlacing	NO
Live Broadcast Video Input Resolution	480p/720p/1080p(up to 60fps)/4K 30fps
Video Encoded Format	H.264 H.265
Video processing Bitrate control	CQ, VBR, CBR
Hardware-Accelerated Video Encoding	Optional
Video Output Signal Types	FLV-RTMR, HDMI, UVC
Video Output Connectors	HDMI OUT, USB-C
Video Output Streaming protocols	RTMP, RTMPS, MJPEG, SRT
Live Broadcast Video Output Resolution	480p/720p/1080p(up to 60fps)/4K 30fps
Analog Audio Input Connectors	Line In, Mic In, 3.5mm

Digital Audio Inputs	USB, HDMI, RTMP(From internet), Local video(From SD card)
Digital Audio Input Connectors	USB-A, HDMI, USB-C
Audio Input Mute	Yes
Audio Input Format	32KHZ/44.1KHZ/48KHZ:16bit
Audio Encoded Format	(AAC)44.1K/48KHZ 2Ch 16bit
Analog Audio Output	3.5mm headphone jack
Digital Audio Outputs	HDMI audio (Embedded), USB Audio (Embedded)
4G Network	4G Network Countries & Frequency Band For Users: [Variant for North America (US/Canada/Mexico)] B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B41/B66/B71 Notes: Mexico B4 For Non-US/Canada/Mexico Users: (EU: Variant for EMEA/India/Korea/Taiwan/South Asia/Latin/America/Australia/New Zealand) Users: B1/B3/B7/(B8) Notes: Thailand B1/B3 Please note that the certification of YoloBox Ultra is in line with the mainstream open 4G band requirements of operators in this country or region. For details, please refer to the approval report of this country or region.

Record Formats	MP4
Wi-Fi	2.4G/5G Support WiFi 6
USB Communication Standard	USB 2.0 and USB 3.0
Ethernet Data Rate	10/100M/1000M, half/full duplex with autodetect
SIM Card Size	Nano-SIM Card
SD Card format	FAT 32 (Under 1 TB), NTFS, EX-FAT
Operating Temperature	0℃-40℃
Operating Humidity	15%-85%, No Condensation
Country of Origin	Made in China

Streaming Setup

Setting Up YoloBox Ultra

1. **CAPTURE**
   - Capturing is the process of taking the signals from your video and audio sources and encoding them so they're ready for streaming and recording.

- **Video Capture**
- HDMI IN 1, HDMI IN 2, HDMI IN 3, HDMI IN 4, USB-C 1, USB-C 2, and 2 local videos from either an SD Card or a portable storage drive.
- **Audio Capture**
- HDMI IN 1, HDMI IN 2, HDMI IN 3, HDMI IN 4, USB-C 1, USB-C 2, local videos (SD Card/Portable storage drive), Line in, Mic in

2. **CONNECT**
   - You can connect to YoloBox Ultra via Ethernet, WiFi, 4G LET, and Hotspot.

3. **STREAM**
   - YoloBox Ultra is like YoloBox Pro and Instream combined in one. There are 2 modes of live streaming: Horizontal streaming and vertical streaming. That means you can choose to stream to horizontal platforms like Facebook, YouTube, and Twitch, or vertical platforms like Instagram, Tikok, or others.

4. **SWITCH**
   - **Production Switcher**
   - Switch between 10+ video sources with touchscreen control.
   - **Video Transitions**
   - Cut(Default), Fade, Wipe, Directional Wipe, Translation, Window Slice, Simple Zoom, Cross Zoom, Squeeze, Flip Page, Cube
   - **Video Compositions**
   - PiP(Picture in Picture), Split View, Side by Side, News Layout, Triple.

5. **MONITOR**
   - **Graphic Overlays**
   - Image Overlays, lower thirds, Rolling Captions, Countdown Timer Overlays, Web URL Overlays, Titles and Social Overlays
   - **Import**
   - Importing PNG, JPG, and GIF graphics for more engaging live video productions

6. **RECORD**
   - You can stream your content and record it at the same time. YoloBox Ultra encodes the video and audio it captures and saves it to the SD card or portable storage drive if inserted when the recording feature is enabled.

FAQs

1. **Why I can't connect to the Internet successfully with my 4G SIM card?**
   - SIM cards should include texts and calls(not a pure data plan)
   - SIM cards should be operated and inserted correctly·The carriers should be in the right frequency band
   - Radiofrequency module Band
   - **LTE-FDD:**B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/
   - B19/B20/B25/B26/B28
   - **LTE-TDD:**B38/B39/B40/B41
   - **UMTS:B1**/B2/B4/B5/B6/B8/B19
   - **GSM:B**2/B3/B5/B8
   - Try activating your SIM card on another device like your phone if the IMEI code is not shown on YoloBox Ultra.

- Reset the internet and consult your local carriers if necessary.

2. **Why my SD card is not detected?**

    - YoloBox Ultra supports all SD file types including FAT32,exFAT, and NTFS with less than 1TB of storage. If the SD card is not detected, it should be a compatibility issue. Try a different brand or report it to us via **contact@yololiv.com.**

3. **What's the best charger for YoloBox Ultra?**

    - YoloBox Ultra supports a charger with DC 5V/9V/12V/15V 3A output.

4. **Why my camera is not recognized by YoloBox Ultra?**

    - YoloBox Ultra works with most video cameras on the market, particularly well with Sony and Panasonic, JVC.If your camera is not recognized by YoloBox Ultra, here are a few workarounds to try out:
    - Try a different cable
    - Check if it's an issue with the HMDI IN ports by connecting a single HDMI cable with both HDMI IN and HDMI OUT ports.
    - Switch the camera output setting from 1080i to 1080P ·Try an HDMI-UBS splitter/converter.
    - Or if you happen to have a switcher like ATEM Mini, you can use ATEM to recognize the signal first and then output it to YoloBox Ultra.
    - For details, please visit our blog **https://www.yololiv.com/blog/**

Important Things to Know

- The software-driven nature means YoloBox Ultra will be continuously updated with additional features and new interfaces. We have provided a dynamic Google Doc version of the user manual that is more focused on software.
- Please see the digital YoloBox Ultra user guide by scanning the QR code below.

- Join the Official YoloLiv Users Group on Facebook, to get a behind-the-scenes look at others' productions, ask questions, and more **contact@yololiv.com**
- **Product name:** YoloBox Encoder
- **Model name:** YoloBox Ultra

RF Technology	Frequency MHz		RF Power
	From	To	Max
2.4GHz	2412MHz	2472MHz	19dbm±1(EIRP)
5GHz	5150MHz	5250MHz	21dbm±1(EIRP)
	5725MHz	5850MHz	10dbm±1(EIRP)
WCDMA Band I	1920MHz	1980MHz	23dbm±1 (Conducted)
WCDMA Band VIII	880MHz	915MHz	24dbm±1 (Conducted)
LTE Band 1	1920MHz	1980MHz	23dbm±1 (Conducted)
LTE Band 3	1710MHz	1785MHz	24dbm±1 (Conducted)
LTE Band 7	2500MHz	2570MHz	23dbm±1 (Conducted)
LTE Band 8	880MHz	915MHz	24dbm±1 (Conducted)

- This device complies with the essential requirements and other relevant provisions of Directive 2014/53/EU. All essential radio test suites have been carried out.
- This product can be used across EU member states but with restrictions. Restrictions in the 5 GHz band:
- According to Article 10 (10) of Directive 2014/53/EU, the packaging shows that this radio equipment will be subject to some restrictions when placed on the market in Belgium (BE), Bulgaria (BG), the Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain(ES), France (FR), Croatia (HR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania(LT), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria(AT), Poland (PL), Portugal (PT), Romania (RO),
- Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE), Turkey (TR), Norway(NO), Switzerland (CH), Iceland (IS), and Liechtenstein (LI).
- The WLAN function for this device is restricted to indoor use only when operating in the 5150 to 5250 MHz frequency range.

ES	LU	RO	CZ	FR
HU	SI	DK	HR	BE
BG	DE	EE	IE	EL
IT	CY	LV	LT	SK
MT	NL	AT	PL	PT
FI	SE	LI	TR	NO
CH	IS			

RF exposure requirements

- As recommended by international guidelines, the device is designed not to exceed the limits established by the European Commission for exposure to radio waves. or the countries that adopt the SAR limit of 2.0 W/kg over 10 grams of tissue. The device complies with RF specifications when the device normal use and at a distance of 0.5cm from your body. The highest SAR value reported for the device when properly worn on the body complies with the limit.
- **YOLOLIV TECHNOLOGY**
- **contact@yololiv.com**
- **www.yololiv.com**
- Room 112, Building 112, No. 1818-1, Wenyi West Road, Yuhang Street, Yuhang District, Hangzhou, Zhejiang Province

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Documents / Resources

YOLOLIV YoloBox Mini Ultra Portable Smart Live Streaming Encoder [pdf] User Manual
YoloBox Mini Ultra Portable Smart Live Streaming Encoder, YoloBox, Mini Ultra Portable Smart Live Streaming Encoder, Portable Smart Live Streaming Encoder, Live Streaming Encoder, Streaming Encoder

References

- ⓒ **Multi-Camera Livestreaming Made Easy - YoloLiv**
- ⓒ **Contact Us - YoloLiv**
- ⓒ **Practical tips and expert advice for live streaming**
- **User Manual**