

YOLOLIV YOLO-INSTREAM

YOLOLIV Instream Vertical Live Streaming Encoder and Monitor User Manual

Model: YOLO-INSTREAM

1. INTRODUCTION

The YOLOLIV Instream is a portable vertical live streaming encoder and monitor designed for multi-camera live productions on platforms like Instagram and TikTok. It allows users to connect external cameras, switch between multiple video sources, and add professional-grade overlays and effects directly from the device. This manual provides instructions for setting up, operating, and maintaining your Instream device.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, contact your retailer.

- YOLOLIV Instream Vertical Live Streaming Encoder and Monitor
- 2x USB Type-C Cable
- 1x Shoe Mount
- 1x SIM Card Eject Pin
- 1x 64GB Extreme UHS-I SDXC Memory Card
- 1x Pearstone High-Speed HDMI Cable with Ethernet



Figure 2.1: YOLOLIV Instream device, SanDisk Extreme 64GB SDXC Memory Card, and two Pearstone High-Speed HDMI Cables.

3. SETUP

3.1 Device Overview



Figure 3.1: Top-down view of the YOLOLIV Instream, illustrating the arrangement of ports including HDMI In, USB, Ethernet, HDMI Out, and USB-C power.



Figure 3.2: Side view of the YOLOLIV Instream, detailing the HDMI In 1, HDMI In 2, USB, Audio In, Ethernet, HDMI Out, and USB-C power ports.

3.2 Initial Power On and Connections

1. **Power Connection:** Connect one of the provided USB Type-C cables to the USB-C port on the Instream and the other end to a suitable power adapter (not included) or power source.
2. **SD Card Insertion:** Locate the SD card slot on the side of the device. Insert the 64GB Extreme UHS-I SDXC Memory Card with the label facing up until it clicks into place. This card is used for recording your streams.

3. **SIM Card (Optional):** If using 4G LTE for streaming, insert a compatible SIM card into the SIM card slot using the provided eject pin.
4. **HDMI Inputs:** Connect your external cameras or video sources to the HDMI IN 1 and HDMI IN 2 ports using HDMI cables. The Instream supports up to two HDMI inputs.
5. **HDMI Output (Optional):** Connect an external monitor to the HDMI OUT port to view your stream on a larger display.
6. **Audio Input:** Connect external microphones or audio mixers to the 3.5mm audio input jack for enhanced audio quality.
7. **Network Connection:** For internet access, connect an Ethernet cable to the Ethernet port or configure Wi-Fi settings on the device.



Figure 3.3: The YOLOLIV Instream connected to various inputs and outputs, including HDMI cameras, USB devices, and network cables, demonstrating its connectivity options.

4. OPERATING INSTRUCTIONS

4.1 User Interface Navigation

The Instream features a 7-inch LCD touchscreen display for intuitive control. Navigate through menus and settings by tapping and swiping on the screen.



Figure 4.1: The YOLOLIV Instream's 7-inch touchscreen displaying a live streaming interface, including video preview, chat, and control icons.

4.2 Starting a Live Stream

1. **Select Platform:** On the main screen, choose your desired streaming platform (e.g., Instagram, TikTok).
2. **Configure Stream Settings:** Adjust resolution (up to 1080p60), bitrate, and other stream parameters as needed.
3. **Add Video Sources:** Tap to add your connected HDMI cameras as video sources. You can switch between these sources during the live stream.
4. **Go Live:** Once settings are configured and sources are selected, tap the "Go Live" button to begin

your broadcast.

4.3 Using Overlays and Effects

The Instream allows for dynamic enhancement of your live stream with various overlays and effects.

- **Graphic Overlays:** Add custom image overlays, lower thirds, and social media graphics to your stream.
- **Picture-in-Picture (PiP):** Display multiple video sources simultaneously using PiP functionality.
- **Chroma Key:** Utilize green screen effects for virtual backgrounds.
- **Transition Effects:** Apply smooth transitions when switching between camera inputs.

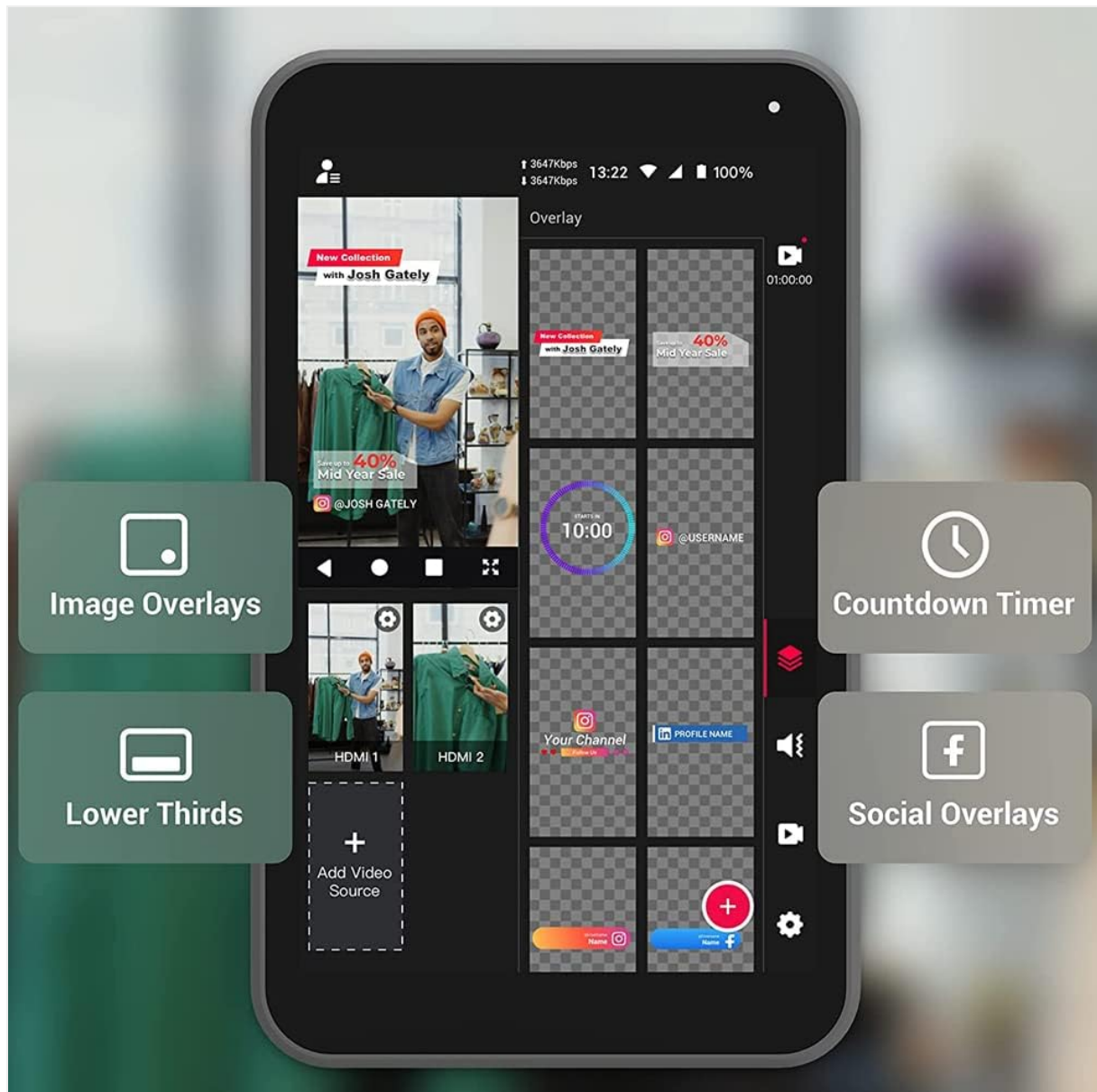


Figure 4.2: The YOLOLIV Instream's overlay management interface, illustrating options for image overlays, lower thirds, countdown timers, and social overlays.

4.4 Recording

In addition to live streaming, the Instream can record your production directly to the inserted SD card. Look for the record button on the interface to start and stop recording.

5. KEY FEATURES

- **All-in-One Device:** Functions as an encoder, monitor, recorder, and switcher.
- **Versatile Connectivity:** Stream via Ethernet, Wi-Fi, or 4G LTE.
- **Multiple Inputs:** Features 2 x HDMI inputs, 1 x USB input, and 1 x SD Card input.
- **Professional Effects:** Includes built-in Chroma Key, Picture-in-Picture, and various transition effects.
- **High-Quality Output:** Supports streaming at up to 1080p60 using H.264 codec.
- **Audio Management:** Dedicated line-level audio input, mic input, and headphone jack for monitoring.
- **Intuitive Control:** 7-inch LCD touchscreen display for easy operation.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. For the screen, use a screen-specific cleaning solution and a microfiber cloth. Avoid abrasive cleaners or solvents.
- **Storage:** Store the Instream in a cool, dry place away from direct sunlight and extreme temperatures.
- **Software Updates:** Periodically check for firmware updates through the device's settings menu to ensure optimal performance and access to new features.
- **Battery Care:** If the device has an internal battery, avoid fully discharging it frequently to prolong its lifespan.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; power adapter faulty; device battery depleted.	Ensure USB-C cable is securely connected. Try a different power adapter or cable. Charge the device.
No video input detected	HDMI cable loose or faulty; camera not powered on; incorrect input selected.	Check HDMI cable connections. Ensure camera is powered and outputting video. Select the correct HDMI input on the Instream.
Cannot connect to internet	Wi-Fi signal weak; incorrect Wi-Fi password; Ethernet cable disconnected; SIM card not active.	Verify Wi-Fi password and signal strength. Check Ethernet cable. Ensure SIM card is active and has data.
Stream quality is poor	Low internet bandwidth; high bitrate setting; device overheating.	Check internet speed. Reduce stream bitrate or resolution. Ensure adequate ventilation for the device.
SD card not recognized	SD card incorrectly inserted; card faulty; card not formatted.	Reinsert the SD card. Try a different SD card. Format the SD card via the device settings (this will erase all data).

8. SPECIFICATIONS

Feature	Detail
Brand	YOLOLIV
Model Number	YOLO-INSTREAM

Feature	Detail
Display	7-inch LCD Touchscreen
Video Inputs	2 x HDMI, 1 x USB
Video Output	1 x HDMI
Audio Inputs	1 x Line-level (3.5mm), 1 x Mic (3.5mm)
Audio Output	1 x Headphone (3.5mm)
Connectivity	Ethernet, Wi-Fi, 4G LTE (via SIM card)
Video Encoding	H.264
Max Stream Resolution	1080p60
Storage	SD Card Slot (supports up to 64GB SDXC included)
Dimensions	10.5 x 6.7 x 3.2 inches (Package)
Weight	3.3 pounds (Item)

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official YOLOLIV website or contact your authorized dealer. Keep your purchase receipt as proof of purchase for warranty claims.

Online Resources: For the latest drivers, software, and support documentation, visit the YOLOLIV official support page.