

LIVEVIEWSPORTS

LYPRO 2

User Manual



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1 What's In The Box

a. LVPro2 Contents



USB-C Charge Cable



MicroSD Card



LiPolymer Battery



LVPro2 User Manual



b. Getting to Know the LVPro2

1 Battery & SD Card



2 Power Button



3 USB Charge Port & Reset Switch



4 Multi Function Display (MFD)



5 Tripod Mounting Screw



2 Getting Started

a. System Requirements

LVPro2 works with your phone or tablet.

To be compatible the viewer must meet the following specs:



Apple iOS 14+



Android 9.0



Amazon Fire 7.0

LVPro2 is not compatible with Windows PC devices.

b. Charging

To charge, open the rubber port cover on the camera left side and insert the USB-C charge cable. Make sure other end is plugged into a power source.



During Charging the Multi Function LED will light up RED.



LED will turn OFF when charging is complete.

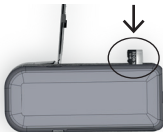
2 Getting Started

c. Insert + Remove SD Card

The MicroSD card is used for temporary video storage during live streaming and **must remain inside** the LVPro2 during operation. If the SD Card needs to be removed during service, the card slot is located under the battery cover on the left side of the camera.



SD Card Slot



Insert SD card with camera facing away and logo facing towards you.

Push card in firmly until it clicks into place.

To remove, push down on the SD card until the spring mechanism releases the card.

2 Getting Started

d. Power On + Off

To turn the camera **ON**, press and hold the power button for 3 seconds. You will hear 3 quick beeps when the LVPro2 turns on. The MFD should also light up along with a blue LED.

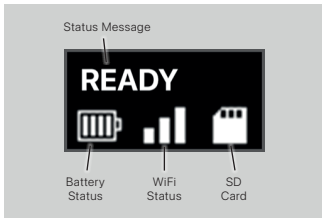


To turn the camera **OFF**, press and hold for 3 seconds.

Automatic OFF - the camera will turn off automatically after 10 minutes of inactivity and no active WiFi connection.

2 Getting Started

e. Multi Function Display



Status Message	Action
MSDC	File Host mode for direct file transfer from SD Card .
Waiting	Waiting for WiFi. Connect App to LVPro2 to begin session.
Ready	App connection successful. Video ready for streaming.
Insert SDC	Insert SD Card into camera to enter App Streaming mode. Please note that camera will not function without SD Card.
FW ISP	Firmware upgrade in progress. DO NOT turn off camera during this process. Camera will turn off automatically when FW upgrade is complete.

2 Getting Started

f. Downloading the App



LVStudio

The free companion App for your LVPro2 is LVStudio. LVStudio is available on iOS, Android and Amazon FireOS. Download and install the app for your device.

Scan QR Code:



Apple
App Store



Android
Google Play Store



Google Play

Amazon
App Store



2 Getting Started

g. Connecting the Camera

Step 1: Power On LVPro2 

Step 2: Connect to LVPro2 WiFi

Using Apple iOS:

- Open Settings



- Choose WiFi Settings



Wi-Fi

- Select LVGPro2 WiFi
Password is "1234567890"



Using Android 9+:

- Open Android Settings



- Open "Connections" for WiFi Options



Connections

Wi-Fi • Bluetooth • Airplane mode

- Select LVGPro2 WiFi
The WiFi password is
"1234567890"

LVPRO2 Network will show
"No Internet". This is normal.



2 Getting Started

- You may see the following message:

LVGPRO2_696B has no internet access
Tap for options

- You MUST tap on the message and choose "YES" or else Android will disconnect the LVPRO2 camera. You should also select "Don't ask again for this Network"



LVGPRO2_696B

This network has no internet access. Stay connected?



Don't ask again for this network

No



Using Amazon Fire Tablet, FireOS 7+:

- Open Fire Tablet Settings



- Select "Internet"



- Select "WiFi preferences"



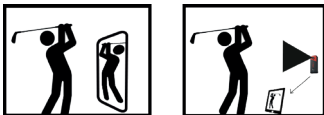
- Choose "LVGPRO2"
Use password "1234567890"



3 App Functions

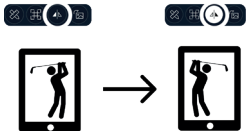
a. Mirroring

The basic function of LVPro2 is to provide live mirroring to create real time awareness of your movements.



Once connected, the LVStudio App will show the camera view in real time.

Use the mirror button to flip the video to match your movements when using LVPro2 from front facing mode.



3 App Functions

b. Instant Replay

Instant replay allows recording of every swing with automatic trimming and slow motion replay. To activate "Instant Replay" put your tablet into either "Ball Strike Trigger" mode or "AI Trigger" mode. For more information please see the LVStudio Manual:



Ball Strike Trigger



AI Trigger

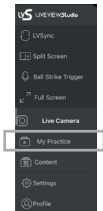
c. Drawing Lines



- Draw lines and objects on any video in "Live Camera" or "Replay" mode
- Lines drawn on recorded videos transfer to "Live Camera"

3 App Functions

d. My Practice (saved videos)



Swing videos are saved automatically and can be accessed under "My Practice".

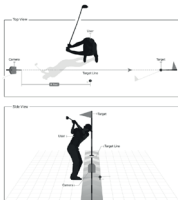
The LVStudio App is very dynamic and constantly evolving. As a result we are only providing broad usage tips on what to do with the LVPro2. For the latest detailed guides on how to use the LVStudio App please go online to:

["www.liveviewports.com/lvstudio"](http://www.liveviewports.com/lvstudio)



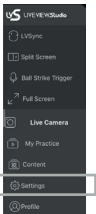
4 Tips

a. Camera Alignment



For best results on down-the-line video, place the camera waist height, directly behind your hands and pointing at your target.

b. Lagging Video



If your Live Camera video is lagging your movements or if video file transfer takes more than 5-10 seconds per swing, you are probably getting interference from other WiFi or radio signals.

You can improve the signal by going to App "Settings" and switching the camera to a different channel.



4 Tips

c. Camera Reset

If you forgot your camera settings or password, you can reset the camera using the factory "RESET" button located above the charge port.



Use a safety pin to push and hold for 8 seconds to reset the camera its default settings

d. Support Info

For additional support you can go to our website under "guides".
You can also reach us as follows:

Phone: +1 (408) 213 2030
M-F: 9-5 PM (GMT+8) pm
Pacific Standard Time

Email:
Support@liveviewsports.com

5 System Specifications

Aperture: F 2.0

* Bright Lens – F2.0 lens provides enhanced imaging in lower light environments such as golf simulators.

EV: $\pm 2EV$

* Variable Exposure Control – improve image quality by controlling exposure settings to prevent too bright/too dark videos.

ISO: Auto

WB: Auto, 2700K, 4000K, 5000K, 6500K, 7500K

Video Resolution: 720p@120fps

Video Format: MOV

Video Coding: H.264

Video Bitrate: 28 Mbps (Super Fine), 17 Mbps (Fine), 12 Mbps (Normal)

Gyroscope: 6-axis gyroscope

Bluetooth: 4.2

WiFi: 802.11 N, 2.4 Ghz

USB: Type-C

* Note: It does not support wired connections to iOS devices. Full wireless support is available for both iOS and Android.

Micro SD Card: UHS-I V30 speed class, exFAT format SD cards with a max storage of 512GB are recommended.

Battery Capacity: 1700mAh

* Replaceable Batteries – LVPro2 accepts swappable batteries. Maximize your use time whether you are practicing or teaching. (Charger and additional batteries sold separately).

Charging Method: Type-C

Charging Time: 90 minutes

Weight: 3.5 oz (100g)

Dimensions (W x H x D): 2" x 4.7" x 1.2" in (5.2 x 12 x 3 cm)

Run Time: 720p@120fps - 90 minutes

6 FCC/CE

FCC statement (class B)

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

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

FCC Caution:

1. 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.
2. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.
3. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

IMPORTANT NOTE :

FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

Industry Canada (IC) Statement: This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Canada, avis d'Industry Canada (IC)

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Caution: Exposure to Radio Frequency Radiation.

To comply with RSS 102 RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons. Pour se conformer aux exigences de conformité CNR 102 RF exposition, une distance de séparation d'au moins 20 cm doit être maintenue entre l'antenne de cet appareil et toutes les personnes.