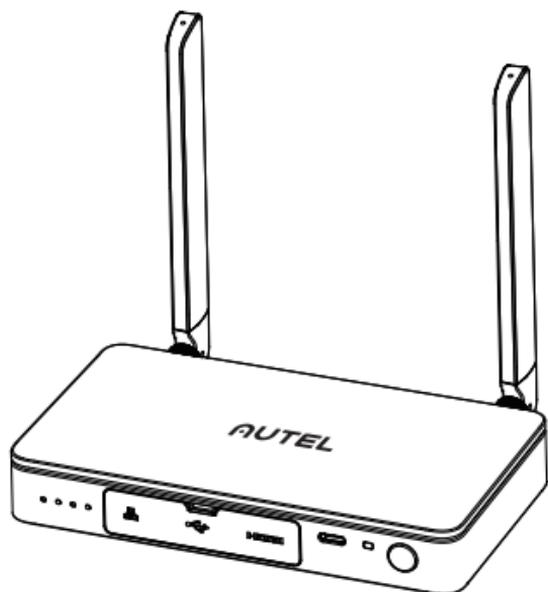


# Live Deck 2

## User Guide



**AUTEL**  
ROBOTICS



## 1. Disclaimer

By using this Product, you hereby agree to this disclaimer and signify that you have read it fully. Please use the Product in strict accordance with the manual and be sure to pay attention to the Warnings.

AUTEL ROBOTICS CO., LTD. (hereinafter referred to as "AUTEL ROBOTICS") assumes no liability for damage(s) or injuries incurred directly or indirectly from improper use of this Product. Misuse includes, but is not limited to, short-circuiting, overheating, introducing foreign materials into the Product.

## 2. Tutorial Video



Please scan QR code or open the website link  
<https://www.autelrobotics.com/article/136.html>

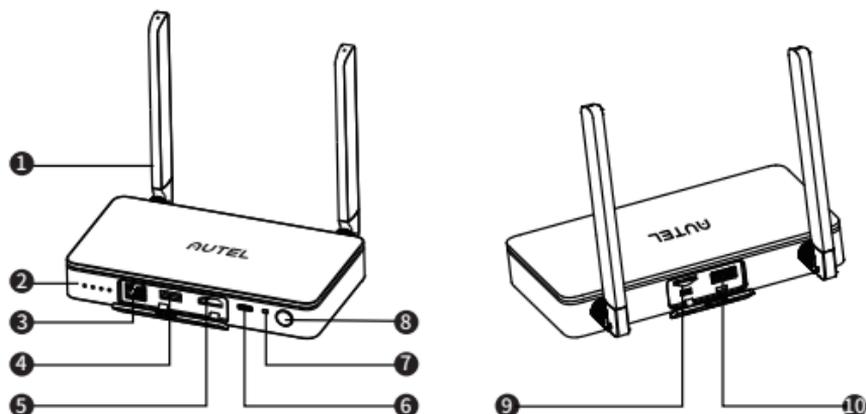
## 3. Product Information

### 3.1 Introduction

The Live Deck 2 supports a wireless connection with the UAV and a real-time image transmission within 12km under interference-free conditions. The image transmission system and the remote control system work on three frequencies: 2.4GHz/5.8GHz/900MHz\* (adaptive aircraft band), and can display videos/images in real-time through HDMI port or Ethernet port.

\*900MHz is only supported in countries covered by FCC certification.

### 3.2 Component



① Antenna	Communicate with the aircraft via RF signal.
② LED battery level indicators	Battery level indicators. Please refer to 3.3 for more information.
③ Ethernet port	Connects to computer, supports real-time video streaming via RTMP.
④ USB Type A 1	Connects to Type-C port of Autel Smart Controller through USB Type-A 1 port of Live Deck 2 for function settings. Please refer to 4.3 for more information.
⑤ HDMI port	Connects to a monitor that supports video outputs via HDMI.
⑥ Type-C port	Charging port.
⑦ Pairing button/indicator	Use to pair with aircraft. Please refer to 4.2 for more information.
⑧ Power button	Press and hold the power button for 2s to turn on/off the Live Deck 2.
⑨ TF card port	Upgrade the Live Deck 2 through TF card.
⑩ USB Type A 2	External interface* *Exact function will update later on official website.

### 3.3 Battery Level Indicator

Battery Level Indicator	Current Power level
■ ■ ■ ■	87.5%~100%
■ ■ ■ ●	75%~87.5%
■ ■ ■ ■	62.5%~75%
■ ■ ● ■	50%~62.5%
■ ■ ■ ■	37.5%~50%
■ ● ■ ■	25%~37.5%
■ ■ ■ ■	12.5%~25%
● ■ ■ ■	0%~12.5%
■ ■ ■ ■	0%

■ Solid Green    ● Flashing Green    ■ Light Off

## 4. Setting Up The Live Deck

### 4.1 Power On/Off

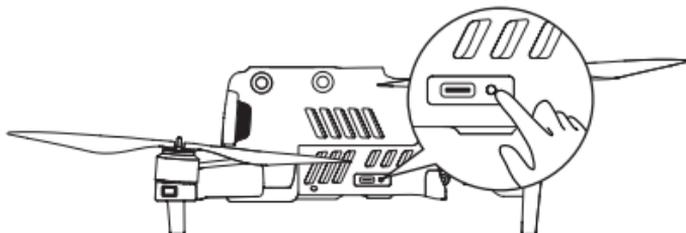
**Power On:** When powered off, press and hold the button for 2 seconds to turn on the power.

**Power Off:** When powered on, press and hold the button for at least 2 seconds to turn off the power.

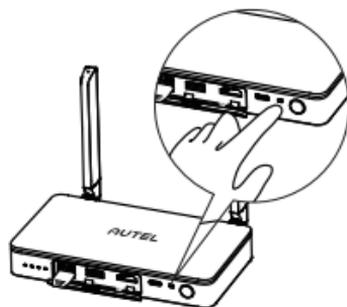
### 4.2 Connect To Aircraft

1) Power on the aircraft and Live Deck 2.

2) Press the pairing button on the aircraft body, and the led lights on the aircraft will flash green quickly.



3) Press the pairing button of Live Deck 2 and the indicator light will flash green quickly.

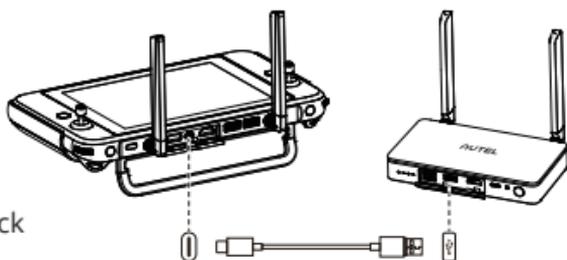


4) Led lights on aircraft will flash slowly if pairing is successful.

### 4.3 Live Deck 2 Setting

Connects to Type-C port of Autel Smart Controller through USB Type-A 1 port of Live Deck 2 for function settings as below.

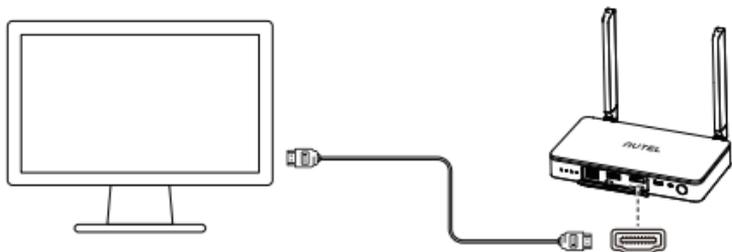
- 1) Flight Information Enable/Disable
- 2) RTMP Setting
- 3) Language Setting
- 4) Software Upgrade
- 5) Software Version Check



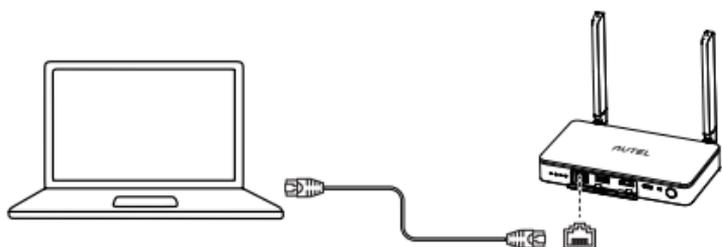
### 4.4 Connect To A Display Device

HDMI and Ethernet port can output display information. Please select one or several ports to connect to your devices accordingly.

- 1) HDMI: connect the HDMI cable to a monitor that can support HDMI. The video resolution can be up to 1080P.



2) Ethernet port: make sure Live Deck 2 is on the same network of as the projecting screen, and connect the Type-C port of Autel Smart Controller through USB Type-A 1 port of Live Deck 2. Set the RTMP address to rtmp protocol format (e.g. `rtmp://192.168.10.10/live/live stream`) on App of Smart Controller. After completing the settings, enter the address in the software that supports rtmp protocol parsing on projecting devices, such as a laptop to display real-time video.



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**⚠ Note**

- ① Live Deck 2 supports HDMI and Ethernet port connections simultaneously.
  - ② If we use the Live Deck 2 while charging, it will stop battery charging because of Over-temperature Protection when machine temperature is higher than 45 °C, and battery charging will continue if machine temperature drop below 40 °C.
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## 5. Product Specifications

Weight (battery included)	424.5g (0.94lbs)
Dimensions	152*111*23.2mm (antennas folded) 223.9*152*23.3mm (antennas unfolded)
Ingress Protection	IP43
RF Receiver Operating Frequency	902~928MHz (FCC); 2.4GHz~2.4835GHz; 5.725 GHz~5.850GHz (Non-Japan); 5.650-5.755GHz (Japan)
Transmission Power (EIRP)	900MHz: FCC<=33dBm 2.4GHz: FCC/NCC<=33dBm;CE/MIC/SR-RC/KC<=20dBm 5.8GHz/5.7GHz: FCC/SRRC/NCC<=33dBm;KC<=20dBm;CE<=14dBm
Max Video Transmission Distance	12km
Max Operating Time	5h
Operating Current/Voltage	1.3A/3.85V
Battery Type	Li-Po
Battery Capacity	6200mAh
Power Consumption	5W
Operating Temperature	14°F~104°F (-10°C~40°C)
Operating Humidity	95%RH

HDMI	1080p@60 fps
Ethernet	100M
Supported Models	EVO II Pro V3 EVO II Dual 640T V3 EVO II RTK Series V3 EVO II Enterprise V3

## FCC and ISED Canada Compliance

This device complies with part 15 of the FCC Rules and ISED Canada licence-exempt RSS standards. 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.

Le présent appareil est conforme aux CNR d'ISED 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'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

### **Note**

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:

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

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

### **RF Exposure Information**

This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be operated with minimum distance 20cm between the radiator and your body.

### **EU/UK Compliance**

Autel Robotics Co., Ltd. hereby declares that this wireless device is in compliance with Directive 2014/53/EU and Radio Equipment Regulations 2017.



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