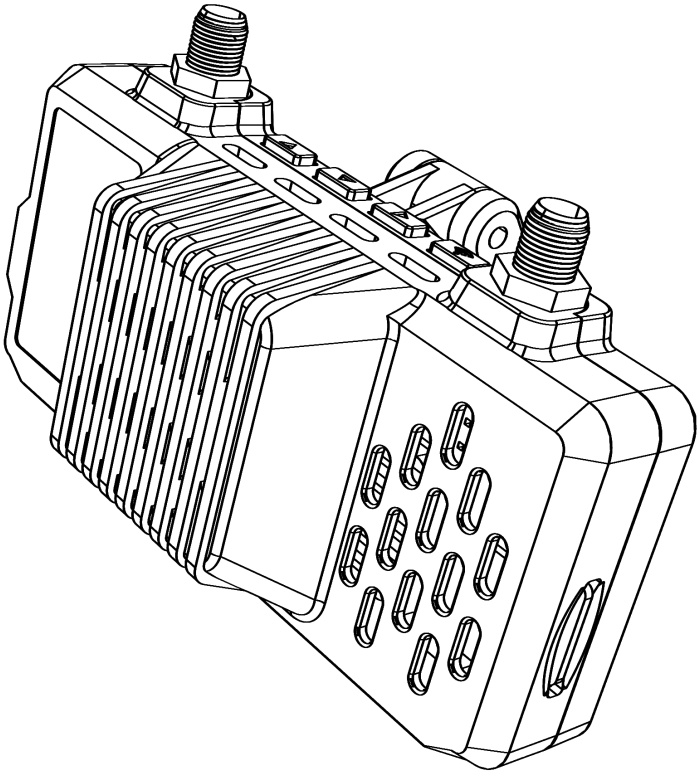
OpenIPC VRX -User Manual



Design in California, Made in China

Disclaimer

Before using this product, please read this statement carefully. Once you use this product, it will be deemed that you acknowledge and accept all the contents of this statement. Minors under the age of 18 are not suitable to use this product.

Wyvern Link is a new generation digital video transmission project developed based on the open-source project OpenIPC. The OpenIPC system offers the advantage of enjoying high-definition digital video transmission at low cost, with high flexibility to customize configurations to suit individual needs. When using this product, please read the user manual and precautions carefully. Ensure that the power supply system is in good condition and operation is correct during use. In the event of personal injury or property damage (direct or indirect), our company will not bear any civil or legal liability.

Precautions

1. Assemble and operate this product strictly according to the instructions in the manual.

2. Avoid dropping or impacting the product to prevent malfunction.

3. Do not block the heat dissipation ports to prevent overheating.

4. If you feel any discomfort during use, stop using immediately and only resume after obtaining medical clearance.

5. Do not use this product under the influence of alcohol, drugs, medication, dizziness, fatigue, or in poor mental condition.

6. Do not disassemble, modify, or use other parts and accessories beyond the configuration requirements.

7. Do not use a damaged video transmitter, as it may cause short circuits, fire, etc.

8. Do not immerse this product in water.

9. Do not use this product in harsh environments (such as strong wind, rain, lightning, snow, etc.).

10. Do not use this product in environments with strong electromagnetic interference.

OpenIPC VRX Set Includes

1.OpenIPC VRX x1

2. Matching antennas x2

3. Dual Type-C data cable x1

4. DC power cable x1

5. Micro HDMI to Mini HDMI cable x1

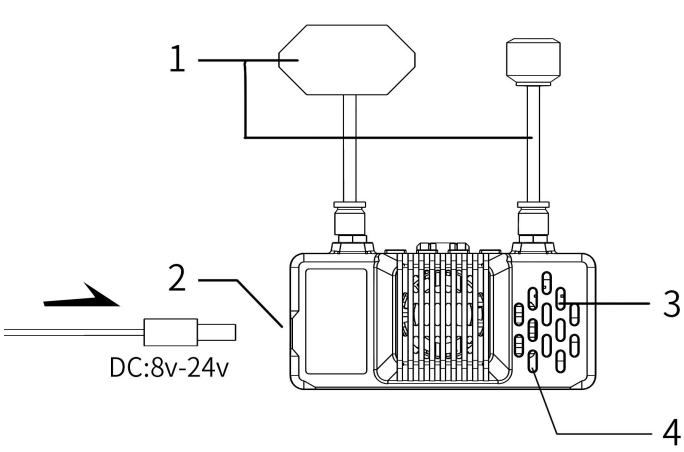
6. Screw accessory pack x1

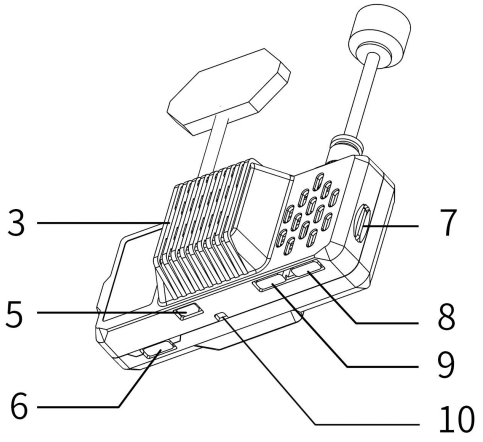
OpenIPC VRX	
Receiver input	DC 2-6S
Receiver Weight	80g
Storage and transportation	4+32G
TF card	MAX 128G

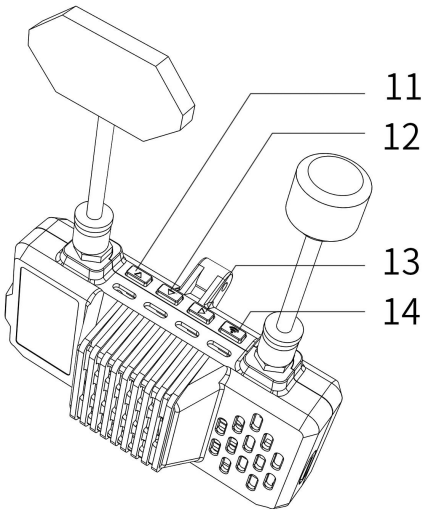
Recording videos with TF card requires setting the path

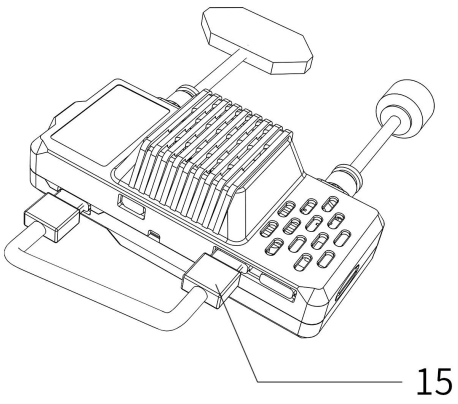
1. VRX Diagram

Note: The DC power supply voltage range is 8V–24V.









The numbers marked in the diagram indicate:

1. Antenna

2. DC 8V-24V Power Interface

3. Heat Dissipation Vents

4. Indicator Light

5. Micro HDMI Interface

6. TYPE-C Interface 1

7. TF Card Slot

8. OTG Interface

9. TYPE-C Interface 2

10. Burning Button

11. Up Button: Used to switch frequency points upward

12. Down Button: Used to switch frequency points downward

13. DVR Button

14. Switch Button: Used to switch modes/switch bandwidths

15. Dual-head TYPE-C Data Cable

2. VRX Instructions

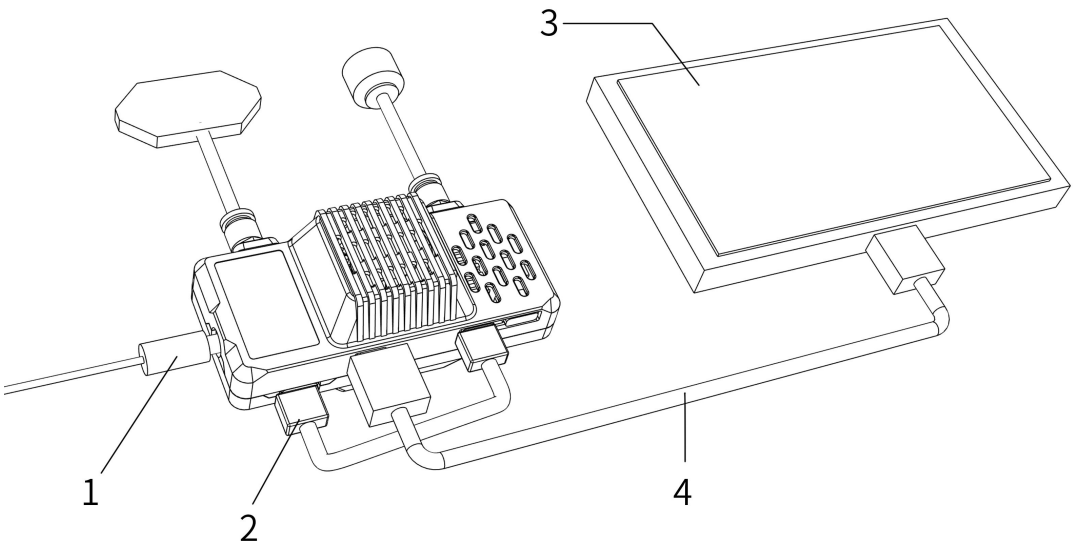
The product's default factory setting is the OpenIPC system, which must be used together with an OpenIPC VTX and a display screen. A standalone VRX cannot output video.

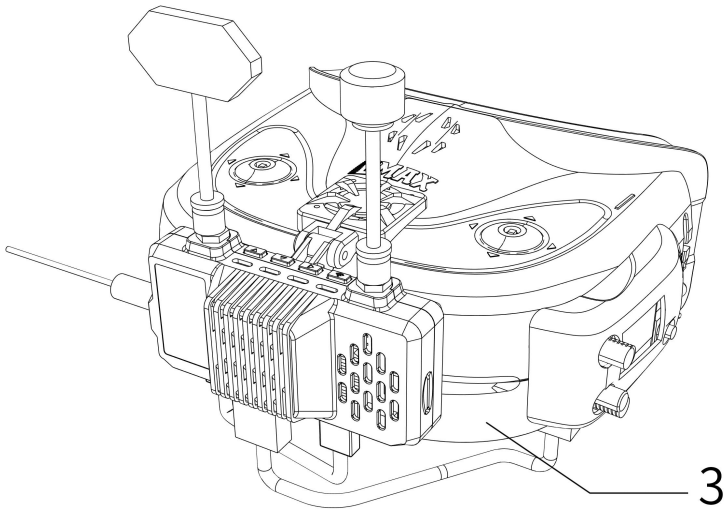
2.1.Product Connection:

Attach the antennas to the VRX system. Use the included dual Type-C cable to connect to the Type-C port shown in the diagram. Use the HDMI cable to connect the VRX to the monitor.

2.2.Product Usage:

Supply power separately to the VRX and the monitor. After powering on, the VRX indicator light will change from steady green to flashing green, indicating the product is operating. The screen will display startup information and enter receiving mode.





1. DC Power Supply: 8V-24V
2. Dual-ended TYPE-C Data Cable
3. Monitor / FPV Goggles
4. HDMI Cable

3. VRX Operation Description

When the VRX is in receiving mode: Short press the Modulation Bandwidth button to switch to 20 MHz bandwidth. Use the Up/Down buttons to change frequency channels. On first use, you must manually change the frequency channel; in later uses, you can pair directly. Be aware of the default frequency channel of the air-end video transmitter. The OpenIPC VTX 800 mW has a default channel of 132 (5660 MHz).

To start: Power on the air-end video transmitter. After about 20 seconds of powering on, the VRX will display the video feed.