

UniRC 7 Series - FAQ

No.	QUESTION	ANSWER
1	How to bind the UniRC 7 series ground unit and air unit?	<ol style="list-style-type: none"> 1. Open UniGCS and initiate binding on the remote controller (the ground unit's red light flashes rapidly). 2. Press and hold the binding button on the air unit for 2 seconds (the red light flashes rapidly). 3. Wait 5–10 seconds; a solid green light indicates successful binding.
2	Does the UniRC 7 series support non-centering joystick mode?	Yes, it supports it. You can choose this as an optional configuration when purchasing.
3	What telemetry connection methods are available for the UniRC 7 series?	Bluetooth, UART serial port, UDP, and Type-C (Upgrade mode).
4	How to troubleshoot when the UniRC 7 series telemetry cannot connect?	<ol style="list-style-type: none"> 1. Check the wiring between the flight controller and the air unit. 2. Confirm that the connection method and baud rate match. 3. Verify that the firmware is up to date. 4. Switch the TELEM interface.
5	What multi-device modes does the UniRC 7 series support?	Dual control, Remote relay, Wireless relay.
6	What is the input voltage range for the UniRC 7 series air unit?	12–76V, requires power supply from a power battery.
7	What flight mode options are available for the UniRC 7 series?	3-position mode, 6-position mode, and Off, configurable in the system settings.
8	Is the USB-A port only supported on the Pro version of the UniRC 7 series?	Yes, it is set to external USB flash drive by default, but can be manually configured as a serial port (UniRC7 Pro only).
9	What are the antenna configuration differences between the standard version and the Pro version of the UniRC 7 series air unit?	Standard version: 2 detachable 2.4G antennas. Pro version: 2 quick-release 5G antennas and 2 detachable 2.4G antennas.
10	Is the Ethernet port only supported on the Pro version of the UniRC 7 series?	Yes, only the UniRC7 Pro is equipped with a LAN port, which can connect to a PC via an RJ45 adapter cable for video output.
11	What do the uplink and downlink bitrates mean in the video transmission link information of the UniRC 7 series?	It represents the current theoretical transmission bandwidth, not the current amount of data being transmitted.
12	How are the Standard Mode, Bitrate Enhancement, and Bitrate Priority modes specifically defined for the UniRC 7 series?	Transmission distance and anti-interference performance: decrease in that order. Bitrate: increases in that order.
13	How to output video from the UniRC 7 series to other devices?	Three methods are supported: HDMI interface (not supported on the standard version), WiFi hotspot sharing, and Ethernet port (not supported on the standard version).
14	What are the uplink and downlink bandwidths of the UniRC 7 series video transmission?	Under low interference conditions: Downlink: 4Mbps–65Mbps Uplink: 1Mbps–8Mbps
15	Does switching the video transmission mode on the UniRC 7 series affect binding?	Yes, switching the video transmission mode, bandwidth, or frequency band will disconnect the current binding. Such operations are prohibited during flight.