

UniRC 10 Pro - FAQ

No.	QUESTION	ANSWER
1	How many customizable physical channels does the UniRC 10 Pro have?	It supports 27 customizable physical channels, and is also compatible with mapping settings for 31 physical channels and 16 communication channels.
2	What operating system does the UniRC 10 Pro run?	It runs on the Android 13 operating system, with 4GB of RAM and 64GB of storage, and supports MicroSD card expansion.
3	What is the battery configuration of the UniRC 10 Pro ground unit?	It adopts a dual-battery architecture with an internal 6700mAh battery and an external 13400mAh battery.
4	What is the power distribution when charging both the internal and external batteries simultaneously while the UniRC 10 Pro is powered on?	When an external battery is connected, the total power is 65W, with 40W allocated to the internal battery and 25W to the external battery.
5	Can the battery be replaced while the UniRC 10 Pro is in use?	It supports hot-swapping of the external battery and can also be charged during use, eliminating battery life concerns.
6	Does the UniRC 10 Pro support simultaneous use of three frequency bands?	No, it only supports the use of any two frequency bands simultaneously.
7	Does the S.Bus protocol flight controller require setting up failsafe on the UniRC 10 Pro ground unit?	No additional setup is required (unless the flight controller requires specific channel values to trigger return-to-home). The S.Bus protocol includes a built-in failsafe flag, which can be configured directly in the flight controller ground station.
8	How to modify the video transmission IP address on the UniRC 10 Pro?	In UniGCS, go to Video Transmission Settings, click on the ground unit/air unit IP, and enter the new IP address. Modifying it during flight is prohibited.
9	What should be noted on the computer side when connecting using UDP telemetry mode?	If connecting via a wireless hotspot, you need to disable the Ethernet connection on the computer to avoid network conflicts.
10	What are the IP configuration requirements for third-party network port cameras on the UniRC 10 Pro?	The IP address must be changed to 192.168.144.X, and cannot use 11, 12, or 20 (these are occupied by the air unit, ground unit, and Android system).
11	What is the function of the adaptive wireless channel feature on the UniRC 10 Pro?	In complex electromagnetic interference environments, it automatically searches for the wireless channel with the least interference to improve communication stability. When disabled, you can manually select channels 1-16.
12	When connecting the UniRC 10 Pro to a Windows ground station via UDP, what are the server address and port?	The server address is 192.168.144.20, and the port number is 19856. The client port must avoid using 19856.
13	How to upgrade the firmware of the UniRC 10 Pro?	<ol style="list-style-type: none"> 1. Download the SIYI Parameter Assistant and firmware. 2. Connect the device to the computer via Type-C. 3. In the Parameter Assistant, select the firmware and click Upgrade.
14	What external hardware interfaces does the UniRC 10 Pro ground unit have?	It includes RJ45 Ethernet port, HDMI, USB-A, SIM card slot, TF card slot, Type-C, 3.5mm audio jack, and more.
15	What material and design are used for the joysticks on the UniRC 10 Pro?	The main joysticks and dual mini joysticks are both upgraded Hall sensor joysticks, offering better tactile feedback, higher precision, and faster response speed.