

HM30 Series - FAQ

No.	QUESTION	ANSWER
1	How to bind the HM30?	Open the menu on the HM30, select Setting, then choose Bind to enter binding mode. On the air unit, press and hold the bind button; the status indicator will flash red quickly, indicating it has entered binding mode.
2	How many power supply methods does the HM30 have?	1. Powered by the rear battery. 2. Can be powered by an external 3-6s battery via an XT30 connector.
3	What is the voltage of the optional battery for the HM30?	The fully charged voltage is 8.4V, and the standard voltage is 7.2V.
4	Why does the HM30 air unit lack a black module compared to the MK15 air unit?	The voltage regulator module for the HM30 air unit is not a standard accessory. Before use, pay attention to the input voltage; it is recommended to use 4S power supply.
5	What is the input voltage for the HM30 air unit?	3S-6S / 12.6-25.2V (HM30 air units shipped since 2024 are fully supported for up to 6S power supply; early devices only support 3-4S.)
6	Why doesn't the HM30 support UDP telemetry?	Firmware versions below 0.2.2 do not support UDP telemetry.
7	What is the UART serial protocol for the HM30?	TTL protocol with a voltage level of 3.3V.
8	How many relays can the HM30 connect to simultaneously?	Only one relay can be connected.
9	What are the differences between the HM30 and the HM30SE?	The HM30SE does not have a Wi-Fi module, but all other functions are the same.
10	What is the link bandwidth of the HM30?	Downlink: 8Mbps; Uplink: 4Mbps; (Measured under near-field conditions without interference)
11	How to charge the HM30?	1. A 5V charger cannot charge the ground unit. Please use the original PD fast charger. 2. The ground unit cannot charge the quick-release battery while it is powered on. Ensure the ground unit is turned off before charging. 3. It is recommended to use the NP-F550/750/950 series quick-release batteries.
12	How many types of telemetry transmission methods does the HM30 support?	Four types: Bluetooth; Type-C; UART; UDP.
13	What is the pin definition of the RC interface on the HM30?	Supports external remote control signal inputs: S.bus, PPM, and UART.
14	Where can I view the firmware information for the HM30 and the air unit?	You can view the firmware version information in the menu under DEVICE INFO.
15	Can the IP address of the HM30 be modified?	No, it cannot.
16	Where can I download the configuration software, firmware, and user manual for the HM30?	https://www.sivi.biz/