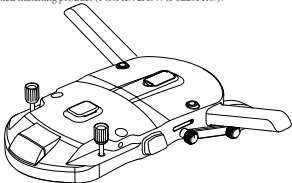


# 4G Expansion Module

The 4G expansion module is a net-connected airborne terminal that eliminates remote controller distance limitations, networked remote control, real-time transmission, cloud synchronization, and real-time data acquisition and processing.

The wireless digital transmission terminal utilizes the mature LTE network, offering broader coverage, higher transmission speed, and lower latency. It is designed to provide high-quality wireless connectivity services for various IoT industry applications.

This device has a fixed matching product (FCC ID: 2A8WC-S220PRO).

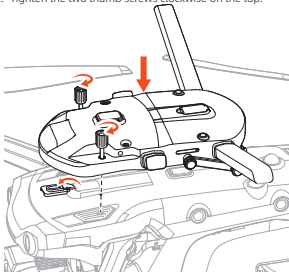


## Technical Indicators

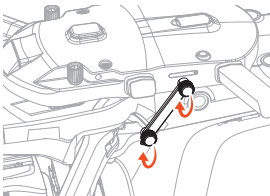
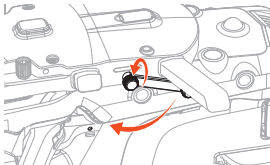
Voltage	DC14.4V
Communication interface	USB 2.0
Static power consumption	4.788W
Maximum power consumption	≤5W
IP Rating	IP43
Operating Temperature	-20 °C~+50 °C
Dimensions	144mm×252mm×50mm(±2mm)
Weight	≤95g

## Installation Steps

1. Lift the rubber USB cover on the top of the aircraft and connect the Type-C port.
2. Tighten the two thumb screws clockwise on the top.



3. Loosen side brackets, rotate to diagram position, and tighten clockwise into fuselage screw holes.



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

This device complies with part 15 of the FCC Rules. 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.

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:

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

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