Aircraft

Product Name: Mantis Q
Model Name: YUNMQA

01 Propellers
02 Motors
03 Power Button
04 Battery
05 Battery Locking Button
06 Camera
07 Camera Micro SD Card Slot
08 Type-C Port
09 LED Status Indicators
10 Downward Sonar
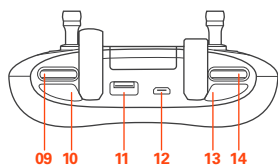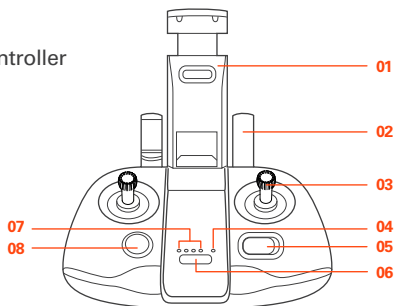**11** Downward Optical Flow Module
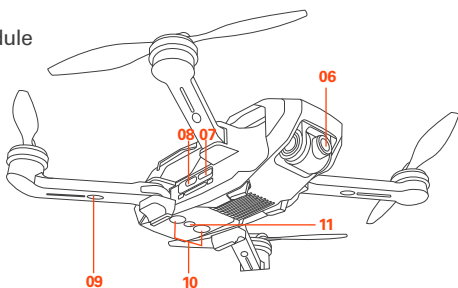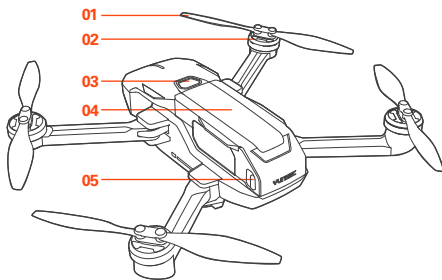
Controller

**Product Name**: Mantis Q Remote Controller
Model Name: YUNMQRC

01 Phone Holder
02 Antennas
03 Control Sticks
04 WiFi Status LEDs
05 Sport Switch
06 Power Button
07 Battery Level LEDs
08 RTH Button
09 Custom Dial
10 Photo Button
11 Micro USB Port
12 Standard USB Port
**13** Video Recording Button
14 Camera Control

Before Flight

• Download Yuneec Pilot App in the App Store or Google Play, or scan the QR code to install the app on your smart device.
• Scan the below QR code to download the tutorial videos and learn more instructions.

GET IT ON
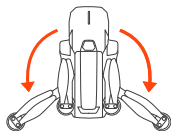Google Play

Download on the
App Store

tutorial videos
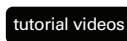
• It is recommend that first-time pilot to activate Angle Mode. After getting used to the flight characteristics of the V18S, and try the different mode flight experience.
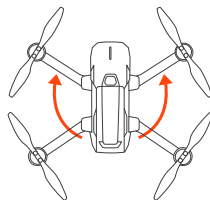
Preparing the Aircraft
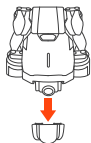
1.Remove the camera protector
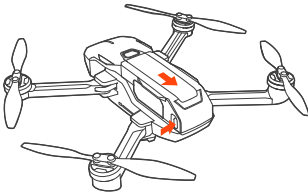
2.Unfold the rear arms
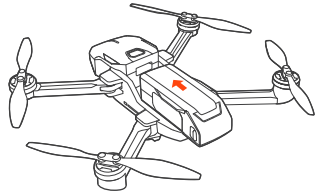
3.Unfold the front armst

NOTICE
• All arms and propellers must be unfolded before powering on the aircraft.
• Folding in reverse order.
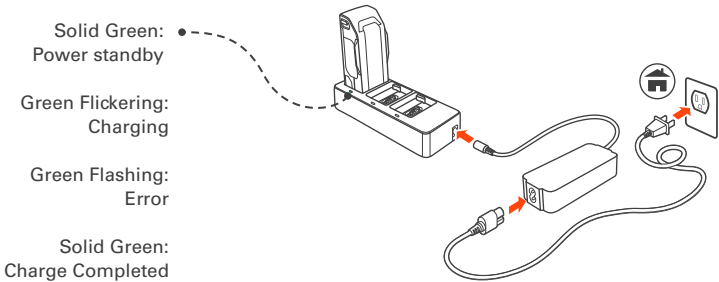
Charging the Flight Battery

• **Press the battery locking button and remove the battery**

• **Push the flight battery into the aircraft until hearing a 'click'**

• Plug the flight battery to the supplied charger as shown below.
  Flight battery charging time: 1.5 hour

Solid Green:
Power standby

Green Flickering:
Charging

Green Flashing:
Error

Solid Green:
Charge Completed


Charging the Remote Controller

Charging the remote controller using Micro USB.

Remote controller Charging time: 1 hour
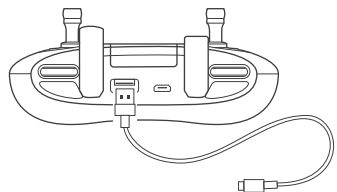
Installing the Smart Device

• Pull out the smart phone holder from the remote controller.
• Put the smart phone on the holder.
• Plug one end of the connecting cable to the standard USB port in the remote controller, and the other end to the data port of your smart phone.
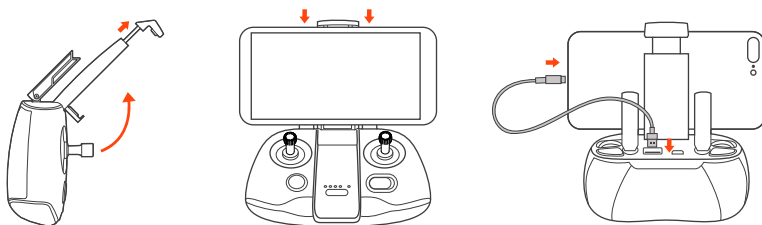
Power On/Off

Press the power button show as below and hold for two seconds to power on/off.
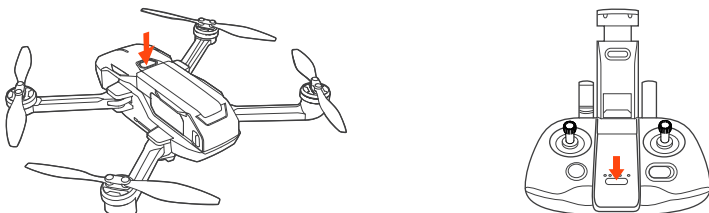
Takeoff / Landing

Option 1
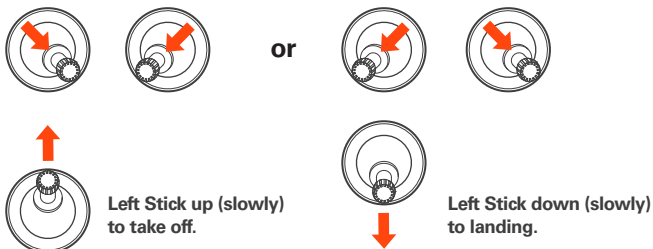Tap the icon as below and slide on the App to take off / landing.
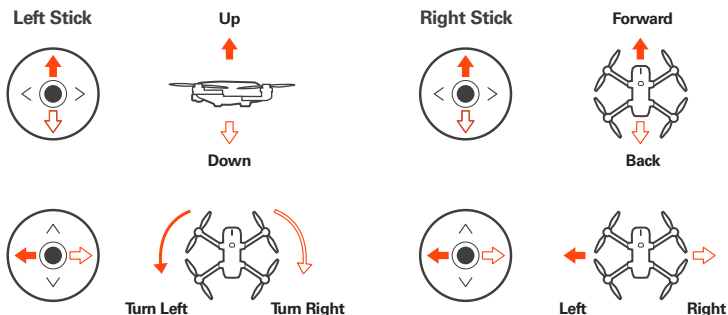
↑ Auto take off   **↓** Auto landing

Option 2
• Move the sticks as shown below to start the motors.

or

Left Stick up (slowly)
to take off.

Left Stick down (slowly)
to landing.

Direction Control

When the aircraft lifts off the ground surface, move the sticks slightly on the remote controller as described below to explore the different movements of the Mantis Q. The default flight control is known as Mode 2.

Left Stick   **Up**   **Right Stick**   **Forward**

Down   **Back**

Turn Left   **Turn Right**   **Left**   **Right**

Flight Modes

Angle Mode
When in Angle Mode and GPS is available, the aircraft will respond according to the remote controller.

Sport Mode
The aircraft has high reaction sensitivity in sport mode. The maximum flight speed of the aircraft is increased to 33.55mph (54km/h).

RTL Mode
When in RTL Mode, the aircraft will return to the home point and automatically land.

Angle Mode
RTL Mode
Sport Mode
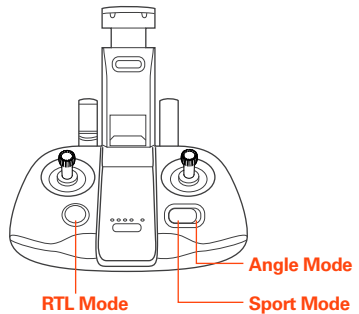
Voice Control
The Voice Control function allows the aircraft to execute a series of simple maneuvers.

One-Tap Movie
One-Tap Movie function enables the pilot to record an automatically generated 15-seconds video by selecting one shooting mode in the App.

Instant Social Sharing
The Instant Social Sharing function allows the pilot to capture the 4K HD video and simultaneously share it to the social media.