

GHOST

Ehang Ghost GPS Quadcopter

HD Camera, 2D Gimbal (Supports GoPro Camera).
Mobile Phone Control (App for Android or IOS Device).



Controlled by RC Transmitter or Mobile Devices.



GHOST



Ehang Ghost: Deep and Vivid Colors



Available Models: 1 - EHang Ghost Basic, 2 - Ghost Aerial with 2D gimbal and 3 - Ghost Aerial Plus with HD camera.





View from above
(with Blade's Protectors)



Ehang Ghost
View from above
(without Blade's Protectors)



View Underneath (Belly)

SPECIFICATIONS (Ehang Ghost):

- Transmitter: PCM or 2.4GHz (at least Six Channels).
- Battery: 5400mah Li-po battery.
- Flight Precision: ± 0.5 meters.
- Maximum angle of rotation: 360°.
- Drone Speed: 6 - 15meters/second
- Control distance: 1000 meters (With G-Box Bluetooth).
- G-Box: 433mHz, 80mw, standard Bluetooth communication device.
- Flight time:
 - Without guard rings and camera: about 26 minutes.
 - With guard rings and without camera: about 14 minutes.
- Without guard rings and with camera: about 20 minutes.
- Drone Weight: With guard rings - 790 grams.
- 5400 mAh Battery: 320 grams.
- 2700mAh Battery: 180 grams.
- Gimbal: 225grams.
- 3-blade propeller: 10 grams per piece.
- Guard ring: 40 grams per piece.
- HD Camera: 60 grams.
- Landing gear: 31 grams per piece.
- Diagonal Distance: 36.0 cm.
- Motor: EHang EH9812 and EH9812R (reversible Motor).
- Drone Height: 10.0 cm.
- Height with Landing Gears: 19.0 cm.
- Battery: XT60 connector, 3-cells, 11.1 Volts, 5400 mAh, Li-po.
- GPS: UBlox 6M parallele compacted compass.
- Wind Resistance: < 10.7 meters /second.
- Night mode has LED lights to track drone in the sky.
- The Pilot can integrate with a third-party recording monitor to preview the photos and videos as the drone is flying.
- The G-BOX is a wireless interface unit designed specifically for controlling and interfacing with the GHOST Drone. The GHOST App cannot operate the Ghost without a G-BOX.
- Independently Flight Control System with ultra-fast processing capacity enable quick response at millisecond level.



2D Gimbal - Lateral View

Ehang Ghost 2D Gimbal: extremely stable and high-precision Gimbal made of aircraft aluminum alloy material. Simple overall design makes the gimbal light and stable even the drone is heavily shaking.



2D Gimbal - Front View



2D Gimbal - Front View + HD Camera



AUTO-RETURN: Auto return mode will be activated if the connection is lost.



DATA SYNC: Flight data as the Drone's current condition shows in the App, within 1000 meters-communication distance.



POINT-TO-POINT FLYING: point the finger on the map and the Drone flies to that spot. No more "blind Flying".



TILT MODE: Tilt mode is an innovation to realize leveraging gestures to control the Drone.



ONE-CLICK HOVER COMMAND: One-click hover command plays as a brake to hold Ghost at its current spot in the air for emergency situation.



MICRO CONTROL MODE: It can adjust the Drone's position in any direction over shorter distances.



AUTO FOLLOW MODE: The Ghost will automatically follow the Pilot when he/she makes turns and change direction, always keeping the camera on the Pilot.



HD AERIAL FILMING: Aerial filming supports 1080p HD with HDMI export.

Original Ehang Ghost 3-Leaf CW/CCW Propeller



Propeller Guards

Motor and Propeller Assembled



Original Motor:
Ehang EH9812
Ehang EH9812R
(Reversible Motor).

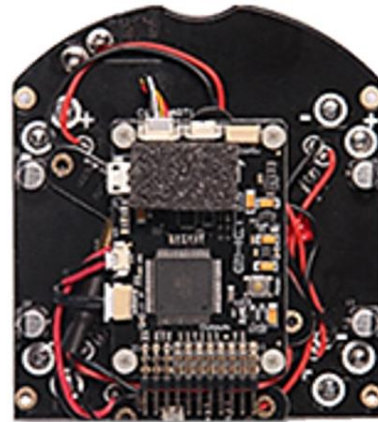




Battery Charger
(Ehang Ghost)



GPS
UBlox 6M
compactd
compass



Flight Control Board
(Ehang Ghost)



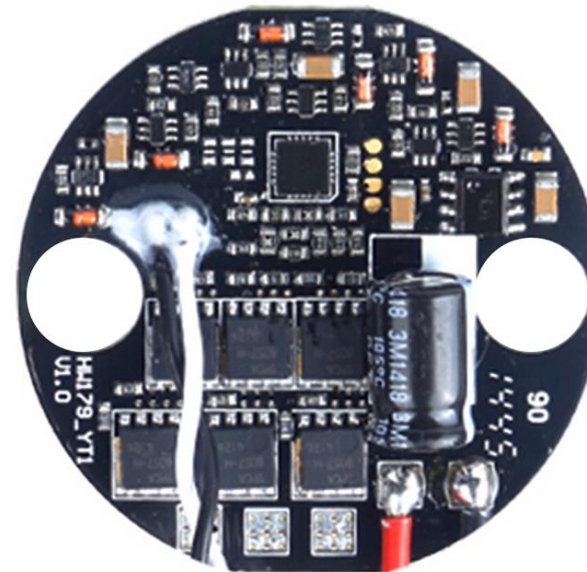
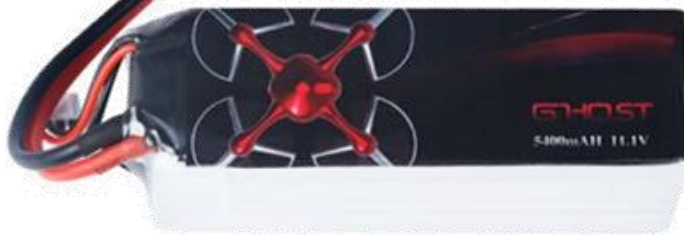
G-Box: 433mHz, 80mw, Standard Bluetooth



GHOST



3S Battery, 11.1 volts, 5400 mAh, Li-po



ESC - Electronic Speed Controller
(Ehang Ghost)

Ehang Ghost App Controller



01 – **STATUS BAR:** Settings, Flight mode, Bluetooth, Heartbeat, Number of Satellites, Battery Level, Flight Distance, Altitude, Speed, Flight Time.

02 – **ROTATE:** Yaw control.

03 – **ELEVATION:** Adjust altitude.

04 – **MICRO-CONTROL:** Functions similarly to a remote control joystick.

05 – **HOVER:** Stay in the current position.

06 – **FOLOW:** Auto-follow.

07 – **LAND:** Descend and land.

08 – **RETURN:** Returns and hovers at 10m (33 ft) above the takeoff point.

09 – **TAKEOFF:** Take off and hover at 10m (33 ft).

10 – **LOCK:** Stop propellers / **UNLOCK:** Start propellers.

11 – **GIMBAL:** Control gimbal pitch.

12 – **GIMBAL:** Control gimbal roll.

Communication Review



GHOST

Ehang Ghost Transmitter

GHOST



- 1) ANTENNA
- 2) GIMBAL UP-DOWN (TILT)
- 3) ON / OFF
- 4) GPS: *Hover, Sim-Hover, Return*
MANUAL: *Float, Sim-Float, Land*
- 5) THROTTLE / ELEVATOR TRIM
- 6) AILERON
- 7) ELEVATOR / THROTTLE
- 8) AILERON TRIM
- 9) POWER SWITCH
- 10) POWER SWITCH
- 11) BINDING KEY
- 12) RUDDER TRIM
- 13) THROTTLE / ELEVATOR
- 14) THROTTLE / ELEVATOR TRIM
- 15) GPS / MANUAL
- 16) LOCK / UNLOCK