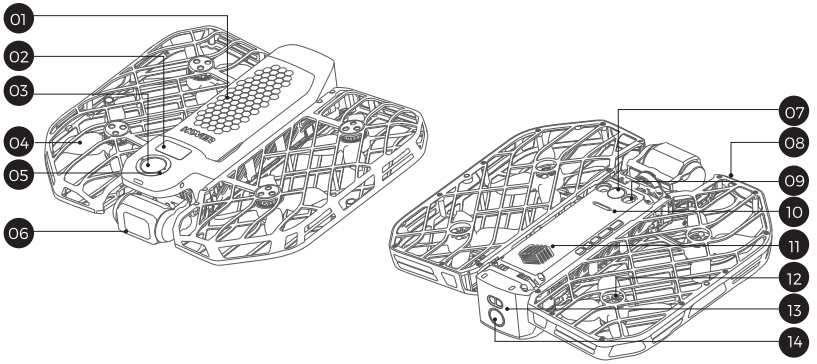
HOVERAir

X1 PRO | PRO MAX

Quick Start Guide

ZEROZERO ROBOTICS

PA46H014



01 Battery // 電池 // バッテリー // 배터리 // Batterie // Akku // batería // batteria // Bateria // защитная рама // البطارية // แบตเตอรี // Μπαταρία // bateria // Baterai // Pil

02 Display Screen // 顯示屏 // ディスプレイ画面 // 디스플레이 화면 // Écran d'affichage // Schalter // pantalla de visualización // schermo di visualizzazione // Ecrã // кнопка переключения // شاشة العرض // หน้าจอแสดงผล // Οθόνη προβολής // ekran wyświetlacza// Layar Tampilan// Ekran

03 Power Button // 電源按鍵 // 電源ボタン // 전원 버튼 // Bouton d'alimentation // Einschalttaste // Botón de encendido // Pulsante di accensione // Botão para Ligar/Desligar // Кнопка питания // زر الطاقة // ปุ่มเปิด/ปิด // Κουμπί τροφοδοσίας // Przycisk zasilania // Tombol Daya // Güç Düğmesi

04 Propeller // 螺旋槳 // プロペラ // 프로펠러 // Hélice // Propeller // hélice // elica // Hélice // задний датчик препятствий // ใบพัด // المروحة // Έλικας // śmigło // Baling-Baling // Pervane

05 Select Button // 切換按鍵 // スイッチ ボタン // 스위치 버튼 // Bouton de l'interrupteur // Schalter // botón de modo // pulsante di commutazione // Botão de Comutação // Кнопка питания // زر التبديل // ปุ่มสวิตซ์ // Κουμπί εναλλαγής // przycisk w ł ącznika // Tombol Sakelar // Anahtar Düğmesi

06 Gimbal and Camera // 雲台及攝像頭 // ジンバルとカメラ // 짐벌 및 카메라 // Cardan et Caméra // Bildschirm // cardán y cámara // giunto cardanico e telecamera // Suspensão por Cardan e Câmara // экран // جهاز التثبيت والكاميرا // แกนกันสั่นและกล้อง // Αναρτήρας και κάμερα // gimbal i kamera // Gimbal dan Kamera // Gimbal ve Kamera

07 VIO Sensor // VIO傳感器 // VIO センサー // VIO 센서 // Capteur VIO // VIO-Sensor // sensor de odometría visual inercial (VIO, Visual Inertial Odometry) // sensore VIO // Sensor VIO // нижний времяпролетный датчик (TOF) // مستشعر VIO // เซ็นเซอร์ VIO // Αισθητήρας VIO // czujnik VIO // Sensor VIO // VIO Sensörü

08 Prop guard // 手指保護框 // 保護フレーム // 보호 프레임 // Cadre de protection // Schutzrahmen // marco de protección // telaio di protezione // Estrutura de Proteção // подвес и камера // إطار الحماية // กรอบป้องกัน // Πλαίσιο προστασίας // ramka ochronna // Rangka Pelindung // Koruma Çerçevesi

09 Bottom TOF Sensor // 底部TOF傳感器 // 底部 TOF センサー // 하단 TOF 센서 // Capteur TOF inférieur // TOF-Sensor unten // sensor de profundidad (TOF, Time-of-Flight) inferior // sensore TOF inferiore // Sensor TOF Inferior // приводной мотор // مستشعر TOF السفلي // เซ็นเซอร์ TOF ด้านล่าง // Κάτω αισθητήρας TOF // dolny czujnik TOF // Sensor TOF Bawah // Alt TOF Sensörü

10 Speaker // 揚聲器 // スピーカー // 스피커 // Haut-parleur // Lautsprecher // altavoz // altoparlante // Altifalante // динамик // مكبر الصوت // ลำโพง // Ηχείο // g ł ośnik // Speaker // Hoparlör

11 Heat Vent // 散熱孔 // 放熱穴 // 열 방출 구멍 // Trou de dissipation de chaleur // Wärmeableitungsöffnung // disipador de calor // foro di dispersione del calore // Orifício de Dissipação de Calor // отверстие для отвода тепла // فتحة تبديد الحرارة // รูระบายความร้อน // Οπή απαγωγής θερμότητας // otwór odprowadzający ciep ł o // Lubang Pembuangan Panas // Isı Dağıtım Deliği

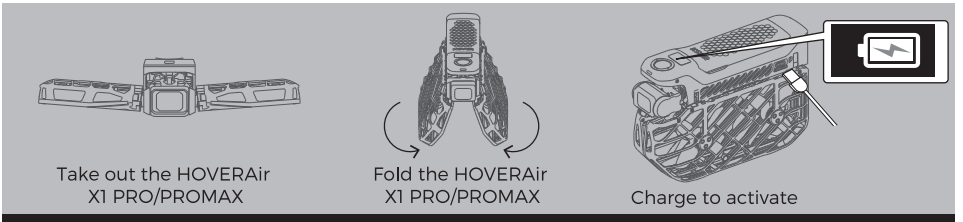
12 Motor // 動力電機 // パワー モーター // 전원 모터 // Moteur d'alimentation // Antriebsmotor // motor eléctrico // motore di trazione // Motor // пропеллер // محرك الطاقة // มอเตอร์ขับเคลื่อน // Μοτέρ τροφοδοσίας // silnik zasilający // Motor Daya // Güç Motoru

13 Rear TOF Sensor // 尾部TOF傳感器 // リア TOF センサー // 후방 TOF 센서 // Capteur TOF arrière // TOF-Sensor hinten // sensor de profundidad trasero // sensore TOF posteriore // Sensor TOF Posterior // задний времяпролетный датчик (TOF) // مستشعر TOF الخلفي // เซ็นเซอร์ TOF ด้านหลัง // Πίσω αισθητήρας TOF // tylny czujnik TOF // Sensor TOF Belakang // Arka TOF Sensörü

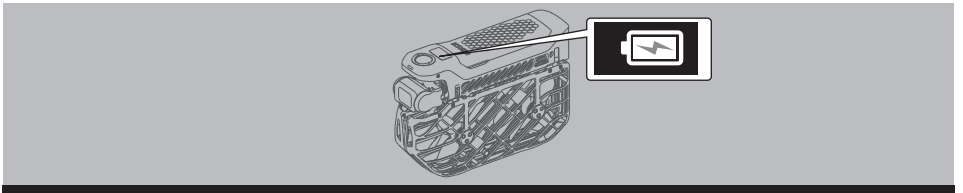
14 Rear Obstacle Sensor // 尾部避障傳感器 // リア障害物センサー // 후방 장애물 센서 // Capteur d'obstacle arrière // Hindernissensor hinten // sensor de obstáculos trasero // sensore ostacoli posteriore // Sensor de Obstáculos Posterior // аккумуляторная батарея // مستشعر العوائق الخلفية // เซ็นเซอร์ตรวจจับสิ่งกีดขวางด้านหลัง // Πίσω αισθητήρας εμποδίων // tylny czujnik przeszkód // Sensor Rintangan Belakang // Arka Engel Sensörü

Step 1 Charge the battery

■ Please charge the battery first to activate it.



The screen displays a charging animation indicating it is charging.



If the screen shows 100% battery or is completely off, the device is fully charged.

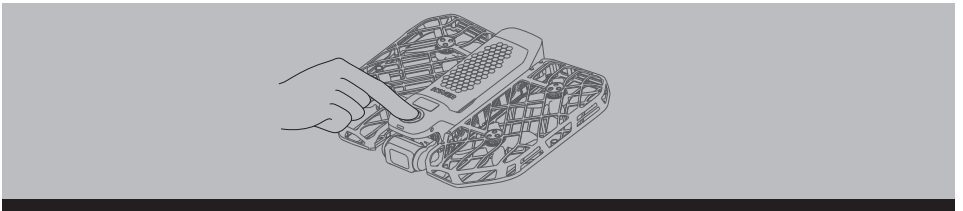
Step 2 Download the App

■ Scan the QR code to download and install the Hover X1 App to activate the device.

iOS / Android

Step 3 Power on/off

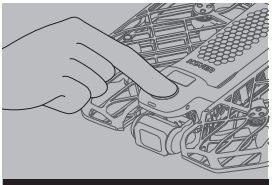
■ Press and hold the power button.



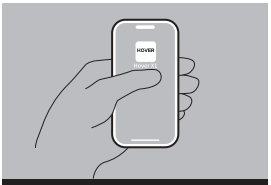
Press and hold the power button for about 2 seconds to turn on the screen. Press and hold the power button to power off.

Step 4 Connect the App

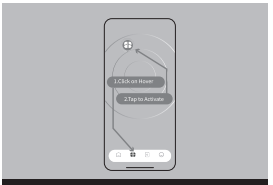
■ HOVERAir X1 PRO/PROMAX connects to the app via Bluetooth. Please follow these steps.



Turn on the HOVERAir X1 PRO/PROMAX.

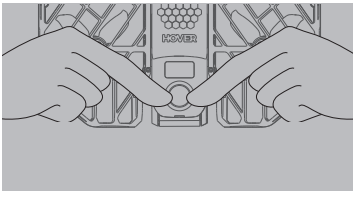


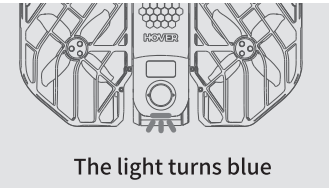
Open the Hover X1 App.



Tap to enter the 'Hover' page, follow the prompts to enable Bluetooth. Tap 'Hover' to search for nearby HOVERAir devices, then select to connect.

Note: Press and hold both select buttons simultaneously until the status light turns blue. This indicates the device has entered Bluetooth pairing mode and can be connected to your phone.

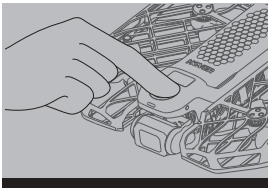




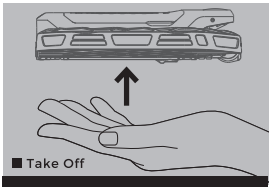
The light turns blue

Step 5 Launch the HOVERAir X1 PRO/PROMAX

Unfold the HOVERAir X1 PRO/PROMAX as shown in the illustration and hold it horizontally.



Press the power button.

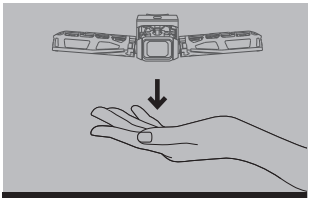


Release the device when the propellers start spinning rapidly.

Step 6 Land/retrieve the HOVERAir X1 PRO/PROMAX

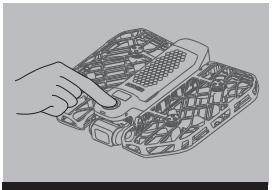
Intelligent Flight Modes

- After completing the intelligent flight modes, the HOVERAir X1 PRO/PROMAX will automatically return to the area near the takeoff point. When the drone approaches the takeoff location, place your hand about 20 cm directly beneath it. The device will then land on your palm, and the propellers will stop rotating.

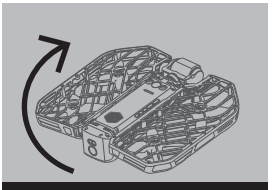


place your hand approximately 20cm directly beneath HOVERAir X1 PRO/PROMAX.

- In an emergency, grab the HOVERAir X1 PRO/PROMAX and briefly press the power button, or rotate it 180 degrees. The propellers will stop spinning immediately.



Press the power button briefly.

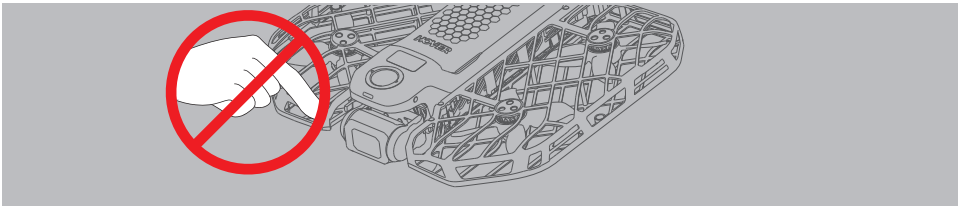


Rotate the aircraft 180 degrees to stop the propellers from spinning.

Manual control

- In manual control mode, pilot the HOVERAir X1 PRO/PROMAX to a suitable location and land it manually. Alternatively, use the one-click return function to bring the HOVERAir X1 PRO/PROMAX back near the takeoff point.

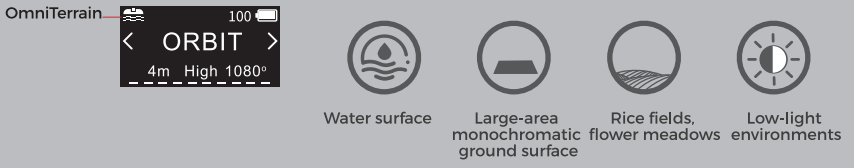
Notice: Do not insert fingers or other objects into the prop guard. For additional safety precautions, please refer to the disclaimer and safety manual on our official website (https://hoverair.com/pages/x1-pro-and-promax-support).



Step 7 Switch Modes and Set Parameters

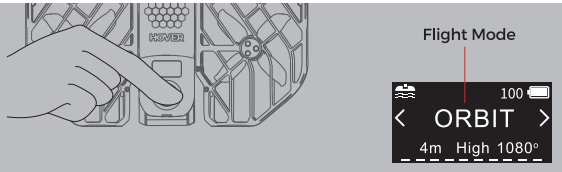
Introduction to Screen Functions

■ OmniTerrain



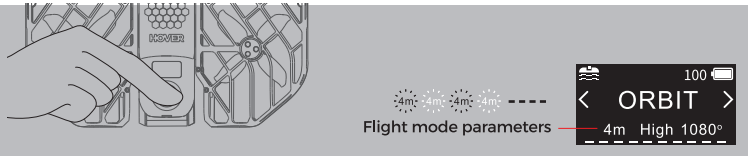
NOTE: When the 'OmniTerrain icon' is illuminated, the flying camera can capture a broader range of scenes, including water surfaces, expansive monochromatic landscapes, swaying rice fields, flower meadows, and low-light environments.It is recommended not to fly in these scenes when the icon is not illuminated.

■ Switch the Intelligent Flight Mode



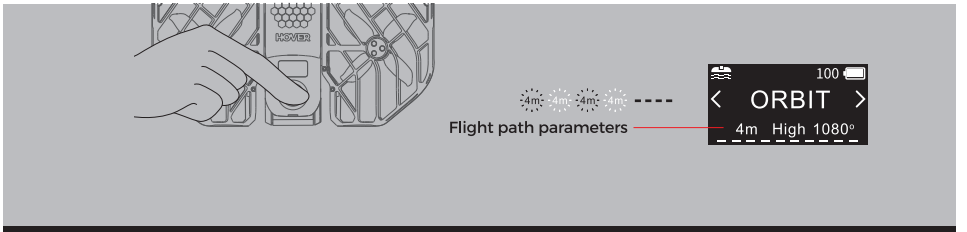
Switch flight mode by short pressing the select button.

■ Setting parameters



Press and hold the switch button to enter the flight path parameter settings. The parameters will start flashing, indicating that they can be adjusted. Use short presses of the switch button to cycle through the flashing flight path parameters.

■ Setting parameters



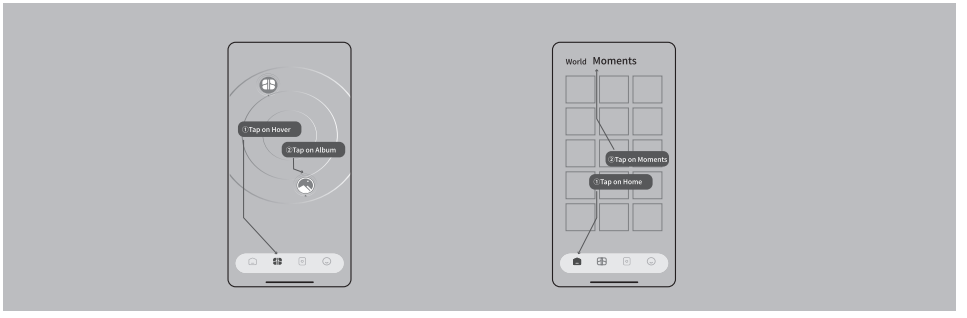
When the flight mode parameters are flashing, long-press the select button to switch between parameter settings.

■ Both mode switching and parameter settings can be done through the App.

Step 8 Video and photo downloads

■ After connecting via Bluetooth to the HOVERAir X1 PRO/PROMAX, you can view low-resolution thumbnails of newly captured footage on the 'Hover' page in the app. Select your preferred works for downloading.

■ After downloading, you can view the downloaded content in 'Home > Moments' or in your phone's local gallery.



Note: To download content, please connect to the Wi-Fi of the Hover flying camera and follow the prompts until the connection is complete.

Flight restrictions

1. You should use this product in accordance with local laws and regulations for safety. Ensure that both the firmware of the flying camera and the app are updated to the latest versions.
2. Flight restricted areas include but are not limited to major airports worldwide, major cities/regions, event venues, etc. Before operating this product, please consult and comply with all local laws and regulations.

Product Specifications

Takeoff Weight: 192g
Unfolded Dimensions: 173mm x 149mm x 39mm
Folded Dimensions: 105mm x 149mm x 34mm
Maximum Ascent Speed: 3m/s
Maximum Descent Speed: 3m/s
Maximum Horizontal Flight Speed: 11m/s
Maximum Flight Altitude: 2500m. Be cautious at altitudes above 5500m.
Maximum Flight Time: 16 min
Maximum Hover Time: 15 min
Maximum Wind Resistance: 10.7 m/s (Level 5 wind)
Operating Temperature: -5°C to 40°C (23°F to 104°F)
Supported Connector Type: USB-C
WIFI
Protocol: 802.11 a/b/g/n/ac/ax
Storage: 64GB
Supported Chargers: HOVER 30W Charger, HOVER 65W Charger, or other chargers that support USB PD fast charging protocol.

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