

Specs

Aircraft

- **Dimensions:** 127mm (L) * 145mm (W) * 30mm (H) (unfolded), 127mm (L) * 86mm (W) * 31mm (H) (folded)
- **Weight:** 125g (including battery)
- **Max Flight Time:** 11.5 minutes (Each battery can perform approximately 20 intelligent shots continuously.)
- **Storage Capacity:** 32GB
- **Flight Modes:** Hover, Follow, Side track, Dolly track, Zoom out, Bird's eye, Orbit, Snapshot, Smart control, Manual.
- **Gimbal Controllable Range (Pitch):** -90° to 15°
- **Connectivity:** WIFI (2.4GHz, 5.8GHz)
- **Maximum Speed:** 7m/s horizontally, 1.5m/s ascending, 1.5m/s descending
- **Maximum Wind Resistance Speed:** 7.9m/s (Level 4)
- **Operating Temperature:** 0°C to 40°C (32° to 104° F)
- **Maximum Flight Height:** 15m
- **Maximum Take-off Altitude:** 2000m, max 5000m (fly carefully)
- **Real-Time Image Transmission Distance:** Up to 30m
- **Effective Working Environment for Positioning System:** Ground height from 0.5m to 15m, with diffuse reflective surface, discernible texture, reflectivity greater than 20%, and sufficient lighting conditions (greater than 15 lux, normal indoor fluorescent light conditions)

Camera

- **Photo Modes:** Standard mode, Burst mode
- **Video Modes:** 2704*1520@30fps, 1920*1080@60fps, 1920*1080@30fps (HDR)
- **HDR:** Supported
- **Vertical Mode** : Supported
- **Photo Resolution:** 4000*3000 (12MP)
- **Image Format:** JPEG
- **Video Format:** MP4

- **Image Stabilization:** Mechanical (pitch axis) + Electronic (EIS) hybrid stabilization technology
- **Field of View (FOV):** 90°
- **Positioning System:** VIO
- **35mm Equivalent Focal Length:** 19mm
- **Aperture:** f/2.4
- **Focus Mode:** FF
- **Focus Range:** 0.75m to infinity
- **Video Exposure Mode:** Automatic
- **Photo Exposure Mode:** Automatic
- **Video Encoding:** H.264
- **Maximum Video Bitrate:** 32Mbps
- **White Balance:** Automatic

Gimbal

- **Controllable Range:** -90° to 15°

Battery

- **Capacity:** 1050mAh
- **Standard Voltage:** 7.7V
- **Weight:** 42g
- **Charging Limit Voltage:** 8.8V
- **Charging Temperature:** 0°C to 40°C
- **Charging Speed:** 35 minutes to 100% (using charging hub), 55 minutes to 100% (charging X1 while inside)
- **Recommended Charging Adapter:** PD 18W adapter

App

- **App Name:** Hover X1
- **Mobile System Requirements:** iOS 12.1 or above, Android 9.0 or above