



6. TAKING PHOTOS AND VIDEOS

Difficulty Level: Moderate

Completion Period: 1 course hour

Objectives

In this exercise, students will develop practical skills in operating Unmanned Aerial Vehicles to capture aerial photos and videos. Through hands-on experience, students will learn the fundamentals of drone flight control, camera settings, and composition techniques, enabling them to proficiently plan, execute, and review aerial photography and videography missions.

Achievements

The skills that our students will gain are:

- Safely operating and maneuvering UAVs.
- Adjusting camera settings for optimal shots.
- Capturing captivating photos and videos from above.
- Respecting privacy and ethical concerns.

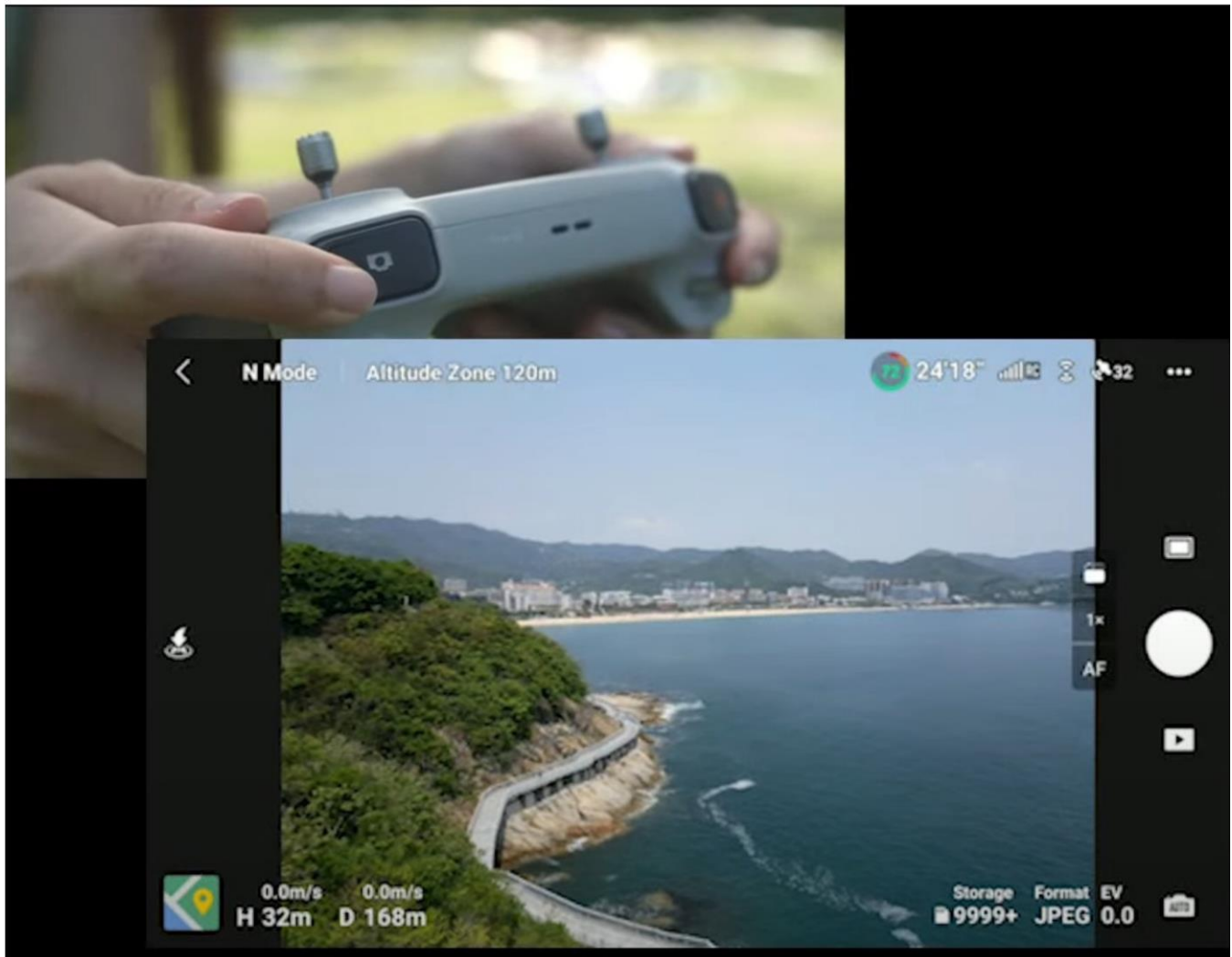
Required material

- Drone Mavic Pro
- DJI Mavic Pro Remote Controller



Implementation - Taking photos and videos

1. Half-press the focus/photo button on the right side of the remote controller to automatically focus.



Full-press to take a photo



2. Press the **record button** to start recording, press again to **stop**.





3. Adjust the gimbal pitch and control the camera by using gimbal dial on the left side.





4. Use the dial on the right side of the remote controller to adjust the zoom when in video mode.





5. Tap the Album button on the bottom right corner of the screen to view and download your footage.

