

BACKBONE

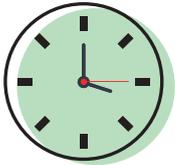
DRONE GUIDELINES

EQUIPMENT



Fly permit

PERSONAL DUTIES



Be on time



Wear the mask



Be polite and kind

SETTINGS

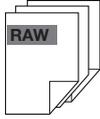
1. 
2. 
3. 

VIDEO DRONE SETTINGS

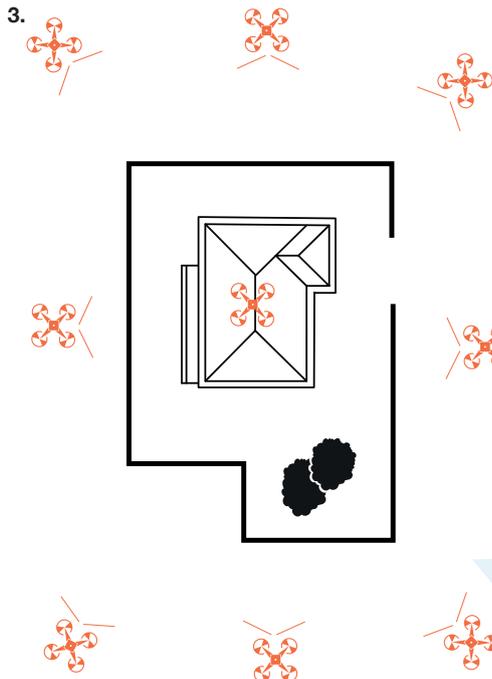
1. Set the **frame rate** on **50 FPS** and the **shutter speed** as the **double of the FPS**.
2. Set up the drone video mode in **1080p FULL HD**.
3. Use the setting **automatic white balance**.
4. Set the **profile picture** on one of the following settings: **LOG**, **HRD**, or **low contrast profile**.

PHOTO DRONE SETTINGS

1. **Shoot in RAW**, use **bracketing (+2/0/-2)** if possible.
2. Use **ISO 100-200** in order to reduce the noise in the images.
3. **Aperture:**
Use the **sharpest value possible**, depending on the camera model, it is normally **around f/4-5.6**.
5. Use the setting **automatic white balance**.

1. 
2. 
3. 
5. 

DRONE PHOTO SHOOT



DRONE PHOTOS

When you do a photo drone shooting remember to **cover all the angles of the building; each side is important.**

1. Remember to find a spot to **hide yourself**.
2. **Take at least 20 photos**
3. **Property shoots:**
 - **Cover all the angles of the building/terrain.**
4. **Surrounding environment:**
 - e.g. - **Landscape** (right, left, back and front of the house).
 - **House in its surrounding environment.**
 - **Top down shoot**, roof of the house in the surrounding environment.

Find on the **next page** some **pictures examples.**

3. HOUSE SHOTS



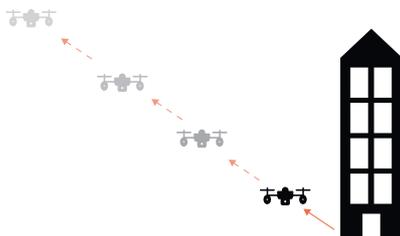
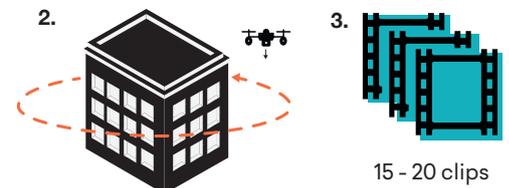
4. SURROUNDING ENVIRONMENT



DRONE VIDEO SHOOT

DRONE FLIGHT AND CAMERA MOVEMENTS

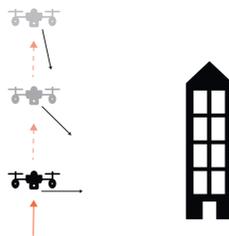
- Remember to find a spot to **hide yourself**.
- Cover all property sides:**
– take at list 2 clips using different movements for each side.
- Take around 15-20 clips.
- Make the following camera movement, find the movement that better match and adapt it to the space.**
Eg: pull back and up, fly up and tilt down, The Reveal Pan, and so on.



1. Pull back and up

Start close from the ground and close to your subject, then gradually pull back and up.
Your drone will appear to spiral up and away from your subject, creating an awesome reveal.

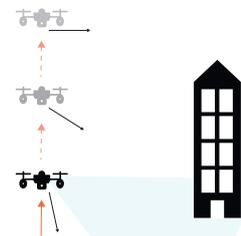
Video example



2. Fly up and tilt down

Flying up while tilting down will make it appear as though your drone is spiraling up and above your subject.
Try to make the camera tilt to be as smooth as possible for optimum results.

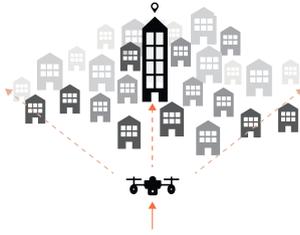
Video example



3. Tilt-up

Simply tilting your camera up while in **point of interest mode** can create a cool reveal of your subject.
Try this simple move from a variety of heights and see how it looks!

Video example



4. The sweeping motion

Set a large radius for your point of interest and make your altitude reasonably high. Then adjust your speed as you see fit. The large radius combined with a slower flight speed creates a nice, subtle sweeping motion as your drone flies across the landscape.

This is great to put the location of a property into perspective and showcasing its surroundings.

[Video example](#)



5. The reveal pan

This shot can sometimes be more challenging to pull off, but it creates beautiful drone footage. Start with your drone close to your subject and at a slower speed.

As your drone is coming around your subject, gradually rotate the drone toward the direction it came from. This means if your drone is on a counterclockwise path around your subject, you want to rotate it to the right. If your drone is on a clockwise path, you want to rotate it to the left. Experiment with this move while increasing the radius of your circle.

This can create a beautiful sweeping shot of your subject and its surroundings.

[Video example](#)



6. The forward reveal

This shot is used to create suspense and trigger people's curiosity for more.

As an example the big reveal can be the building that you are shooting.

To do this shot you have to point your camera of the drone down, then begin your move while slowly moves the camera up, to reveal the landscape and the building.

[Video example](#)

INSTRUCTIONS TUTORIALS

Videos that can give an idea how to do the drone clips.

[5 drone moves for real estate videos](#)

[Cinematic & professional footage](#)

[Real estate photo and video drone shoot](#)

[Real estate drone photo shoot in real time](#)

[Drone video using DJI point of interest](#)