

# DJI Air 3S

*Review*



*Prepared By:*

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# INTRODUCTION

*This DJI Air 3S Fly More Combo features the drone, the DJI RC 2 smart controller with built-in screen, three batteries, ND filter set (ND8/32/128), battery charging hub, and shoulder bag. DJI Air 3S is a dual-camera drone designed for travel photography and featuring a suite of advanced features. Capture stunning aerial content with a 1-inch-CMOS primary camera and a 70mm medium tele camera - each with up to 14 stops of dynamic range, Both cameras can shoot 4K/60fps HDR video, 4K/120fps slow-mo, and support the new Free Panorama feature, which allows flexible shooting-range options. DJI Air 3S is the first DJI drone to feature forward-facing LiDAR, and supports RTH without GNSS signals.*



## **KEY FEATURES :-**

- *1" CMOS wide-angle camera and 1/1.3" CMOS medium tele camera.*
- *Dual-Camera 4K/60fps HDR Video, 4K/120fps slow motion, and 14 Stops of Dynamic Range.*
- *Free Panorama.*
- *Wide-angle 50MP imagery; Medium Tele Camera 48MP imagery.*
- *Nightscape Omnidirectional Obstacle Sensing.*
- *Next-Gen Smart RTH With Enhanced Precision.*
- *45 minutes of flight time.*
- *10km Video Transmission (CE).*
- *Compatible with some DJI Air 3 accessories.*

# IN THE BOX :-



DJI Air 3S  
× 1



DJI RC 2 Remote  
Controller  
× 1



Intelligent Flight  
Battery  
× 3



Spare Propellers (Pair)  
× 3



Type-C to Type-C PD  
Cable  
× 1



Gimbal Protector  
× 1



ND Filter Set  
(ND8/32/128)  
× 1



Battery Charging Hub  
× 1



DJI Shoulder Bag  
× 1



## DJI AIR 3S DUAL CAMERAS :-

- **Primary Camera :-** Features a larger 1" CMOS sensor and a 24mm lens, making it ideal for shooting expensive landscapes with enhanced clarity and a wide field of view. Capture 50MP imagery. It has 1-2.9x digital zoom.
- **Medium Tele Camera :-** The 70mm medium tele camera excels at portrait and vehicle shots, offering compressed depth of field to highlight any subject with a bolder, more cinematic look. Capture 48MP imagery. It has 3-9x digital zoom.
- **Dual Camera 4K/60fps HDR Videos :-** The wide-angle and medium tele cameras produce imagery of consistent quality and colour style, streamlining the post-production process.
- **Dual Camera 4K/120fps Slow-motion Video :-** Enhanced resolution and frame rates add a vibrant perspective of cultural or sporting events in travel photography.



## **DJI AIR 3S DUAL CAMERAS :-**

- **Dual Camera HLG/10 Bit D-Log M Colour Mode** :- Both cameras capture richer colour information, catering to professional creators' needs.
- **14-stop HDR Video** :- Both cameras can capture high-contrast scenes like sunrise and sunset without over-exposing highlights or losing details.
- **12,800 ISO Limit** :- The maximum ISO in normal colour mode has been increased to 12,800, while the maximum ISO for D-Log M and HLG has been increased to 3,200.



## INTELLIGENT FEATURES :-

- **Free Panorama :-** Both cameras support the new Free Panorama mode, helping you create seamless panoramic shots by stitching together multiple images with a manually selected subject or area. The wide camera offers a broader FOV, while the medium tele camera reduces image distortion.
- **QuickShots :-** Perfect for capturing scenes with the subject kept in focus.
- **MasterShots :-** Automatically orchestrates a variety of camera movements to capture portraits or landscapes.
- **Hyperlapse :-** Captures the changing clouds and scenery as time passes on your journey.
- **2.7K Vertical Shooting :-** Perfect for social media.
- **Waypoint Flight :-** Automatically completes a pre-set flight trajectory to easily create a day- to-night timelapse video.



## **ACTIVE TRACKING 360° :-**

- **Enhanced ActiveTrack :-** Keep any subject optimally in frame. Based on the surrounding flight environment, the drone automatically plans a flight path and adjusts framing to ensure stronger shots that keep your subject the centre of attention.
- **Intelligent Perspectives :-** ActiveTrack 360° allows Air 3S to automatically avoid perspectives with cluttered backgrounds.
- **Intelligent Tracking :-** Once tracking begins, DJI Air 3S can keep the subject in focus even if the lower half of their body is partially obscured by bushes or if they are standing on a bridge.
- **Subject Focusing :-** A new Subject Focusing feature keeps your subject in sharp focus, even during manual flight or when the subject moves off-centre. This feature allows you to fully concentrate on the more creative aspects of your shots like composition and camera movement.



## ENHANCED OBSTACLE SENSING

- **LiDAR :-** Air 3S is the first DJI drone to feature forward-facing LiDAR. The forward-facing LiDAR allows the drone to navigate obstacles for enhanced safety.
- **Low-light Vision Sensing :-** The vision system on Air3S works effectively under light conditions with an illuminance of just greater than 1 lux, compared to Air 3's sensor which requires a light source higher than 15 lux. This provides effective night time obstacle sensing.
- **Real-time Mapping :-** Air 3S is equipped with VSLAM technology. In a daytime environment, it can perform a global scan during each flight, achieving realtime onboard mapping. This allows the drone to RTH without GNSS signals.
- **Vision Assist :-** Provides a downward view in addition to the front, back, left, and right views to help you better understand your surroundings.



## **POWERFUL FLIGHT PERFORMANCE :-**

- **Long Battery Life :-** With up to 45 minutes of flight time, Air 3S gives you enough time to scout locations, compose, nail your shots, and do it all over again and again.
- **10-bit O4 Video Transmission :-** Powered by DJI O4 FHD video transmission technology, Air 3S delivers 10-bit video transmission at 1080p/60fps over distances of up to 10km (CE).
- **42GB of Built-in Storage :-** DJI Air 3S comes with 42GB of built-in storage. This can be expanded with a separate microSD card.
- **Off-State QuickTransfers :-** Send files from your Air 3S to a smartphone even when the drone is powered off. Transfers to a computer can also be done with the drone powered off- simply connect Air 3S via a compatible USB-cable.



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