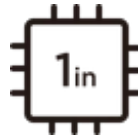# PHANTOM 4 PRO V2.0

Featuring a 1-inch CMOS sensor that can shoot 4K/60fps videos and 20MP photos, the Phantom 4 Pro V2.0 grants filmmakers absolute creative freedom. The OcuSync 2.0 HD transmission system ensures stable connectivity and reliability, five directions of obstacle sensing ensures additional safety, and a dedicated remote controller with a built-in screen grants even greater precision and control. [1] A wide array of intelligent features makes flying that much easier. The Phantom 4 Pro V2.0 is a complete aerial imaging solution, designed for the professional creator.

Specifications-

4K/60fps

1-Inch Sensor

Mechanical Shutter

5-Direction
Obstacle Sensing
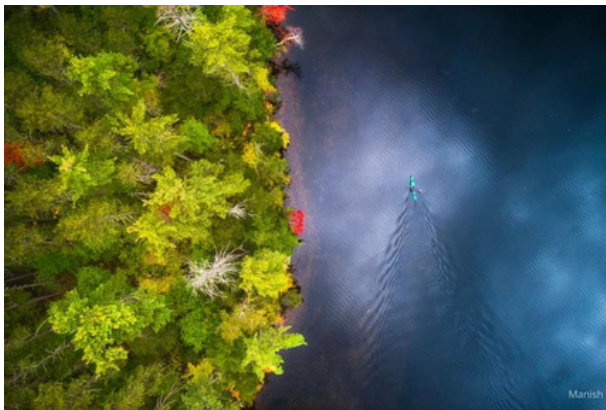
OcuSync 2.0
Transmission System

30-Minute
Max Flight Time

Powerful
Aerial Performance
Incredible Gimbal Camera

The onboard camera features a 1-inch 20MP CMOS sensor and a mechanical shutter, eliminating rolling shutter distortion. An advanced sensor and impressive processing capture every detail and provide the image data needed for advanced post-production.

The Phantom 4 Pro V2.0 camera has an optimized f/2.8 wide-angle lens, ensuring consistently detailed photos and videos that remain vivid and sharp while maintaining color accuracy.

Professional 4K Video

An enhanced video processing system allows videos to be captured in Cinema 4K at 100 Mbps, enabling high-resolution slow-motion shots. Record in D-Log mode and H.265 codec to capture professional footage with high dynamic range, optimizing image quality.

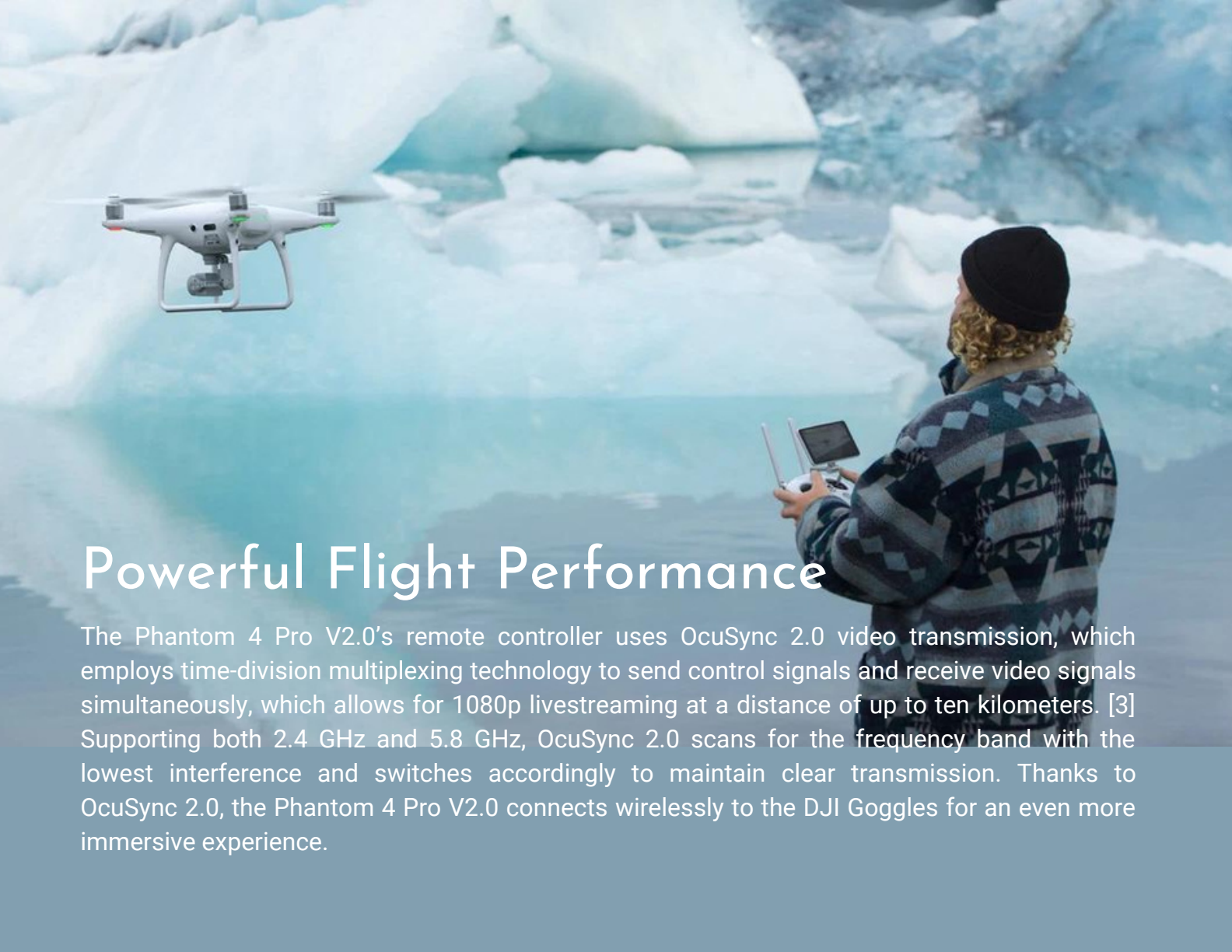| 100Mbps	4K/60fps	D-Log
Bitrate	Frame Rate	Color Profile

Precise Mechanical Shutter

In addition to beautiful landscapes, aerial imaging allows new perspectives on everything from serene vistas to a motor race. A mechanical shutter eliminates rolling shutter distortion which can occur when capturing fast-moving subjects or when flying at high speed. The electronic shutter features Burst mode, capable of shooting 14 fps at 20 MP to catch the perfect moment.

Powerful Flight Performance

Several flight modes make flying and creating with the Phantom 4 Pro V2.0 a streamlined and convenient experience. Switching between flight modes grants pilots the control they need, whether they seek smoothness, simplicity, or speed. Intuitive controls and a maximum speed of 45 mph simplify complex shots.

Powerful Flight Performance

The Phantom 4 Pro V2.0's remote controller uses OcuSync 2.0 video transmission, which employs time-division multiplexing technology to send control signals and receive video signals simultaneously, which allows for 1080p livestreaming at a distance of up to ten kilometers. [3] Supporting both 2.4 GHz and 5.8 GHz, OcuSync 2.0 scans for the frequency band with the lowest interference and switches accordingly to maintain clear transmission. Thanks to OcuSync 2.0, the Phantom 4 Pro V2.0 connects wirelessly to the DJI Goggles for an even more immersive experience.

Intuitive Remote Controller

An ultra-bright 5.5-inch screen makes vivid colors easily visible even in direct sunlight. As the DJI GO 4 app is built into the screen, a mobile device is not required, simplifying operation. The remote controller features several different ports and a five-hour battery life making the Phantom 4 Pro V2.0 a comprehensive aerial imaging solution.

Intelligent Flight Battery

The DJI GO 4 app shows battery lifetime and calculates remaining flight times according to distance traveled and more. When the minimum distance required for a safe journey back to the takeoff point is reached, a prompt will alert the pilot. An advanced battery management system is also in place to prevent overcharging and over-draining. When placed in long term storage, batteries will discharge power to maintain good health.

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