

DJI MINI 4 PRO FAQ

Compared with DJI Mini 3 Pro, what has been upgraded on the DJI Mini 4 Pro?

DJI Mini 4 Pro features comprehensive upgrades in its vision sensing system, imaging system, video transmission system, and intelligent features.

Details are as follows: While maintaining a 249g lightweight design, DJI Mini 4 Pro boasts an omnidirectional vision sensing system to achieve omnidirectional obstacle sensing. It uses a new image-processing platform and supports recording 4K/60fps HDR videos, with optional 10-bit D-Log M and HLG color modes, elevating the multiple shooting specifications. It is equipped with the DJI O4 FHD digital video transmission system, which provides a max transmission distance of up to 20 km*. It comes with the newly upgraded ActiveTrack 360°, Waypoint Flight, Advanced RTH, Cruise Control, and other intelligent features.

Data tested under FCC standard in an unobstructed environment without interference. Used for reference purposes only and provides no guarantee for actual transmission distance.

Compared with DJI Mini 3 Pro, what are the upgrades in the camera module of DJI Mini 4 Pro?

Compared with the camera module of DJI Mini 3 Pro, DJI Mini 4 Pro has the following major upgrades:

1. A new image-processing platform is used to improve the overall imaging performance.
2. The HDR video specification has been upgraded from 4K/30fps to 4K/60fps.
3. The Slow Motion specification has been upgraded from 1080p to 4K.
4. The new 10-bit D-Log M and HLG color modes record colors and details with a high dynamic range.
5. The new Night video mode (Night Shots) delivers enhanced low-light performance.
6. The simulated long exposure (shutter speed of up to 8 s) enables more creative possibilities.
7. A next-gen SmartPhoto algorithm is adopted to effectively improve photo quality.
8. The resolution of panorama photos is higher.

What DJI Mini 3 Pro accessories can be used with DJI Mini 4 Pro?

DJI Mini 4 Pro is compatible with the DJI 30W USB-C Charger, DJI 18W USB Charger, DJI Mini 3 Pro Intelligent Flight Battery Plus*, DJI Mini 3 Pro Intelligent Flight Battery**, and DJI Mini 3 Pro Two-Way Charging Hub.

* The Intelligent Flight Battery Plus is not sold in Europe.

** When using the DJI Mini 3 Pro Intelligent Flight Battery, DJI Mini 4 Pro's propulsion performance and flight time will be reduced, and the total weight will exceed 249 g. Always check local laws and regulations before use.

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What remote controllers are compatible with DJI Mini 4 Pro?

DJI Mini 4 Pro currently supports two remote controllers: DJI RC-N2 and DJI RC 2.

Compared with DJI RC-N1, what are the upgrades of DJI RC-N2?

The video transmission solution has been upgraded, and the antenna system has been upgraded from 1T2R to 2T2R. With DJI Mini 4 Pro, the O4 video transmission can be used.

Compared with DJI RC, what are the upgrades of DJI RC 2?

The performance of the processor has been improved for smoother operation. The video transmission system has been upgraded, and the antenna system has been upgraded from 1T2R to 2T4R. With DJI Mini 4 Pro, the O4 video transmission can be used. DJI RC 2 features two built-in antennas and two external antennas, and also supports manual angle adjustments for the two external antennas to achieve better video transmission effects.

Compared with the O3 video transmission system, what are the upgrades of the O4 video transmission system?

The O4 video transmission system adopts an all-new hardware solution, and a new frequency band* has been added. The communication algorithm has also been upgraded, which not only delivers an FHD video transmission from a max range of 20 km**, but also features enhanced anti-interference capabilities, further improving the transmission stability in complex environments like urban settings. The remote controller also supports a 1080p/60fps max real-time live feed, with the higher frame rate delivering a smoother viewing experience.

* Can be used only in countries and regions where it is allowed by local laws and regulations.

** Measured in an outdoor, open environment, without interference, and with FCC compliance. The above data shows the farthest communication range for one-way, non-return flights. Always pay attention to reminders in the app during your flight.

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What is the wind speed resistance of DJI Mini 4 Pro?

The max wind speed resistance of DJI Mini 4 Pro is 10.7 m/s. Wind resistance is dependent upon propulsion. In strong winds, slight vibration is expected due to the drone's lightweight nature. High-powered propulsion ensures the drone hovers stably or returns to home safely. DJI Mini 4 Pro automatically controls the gimbal to adjust slightly to ensure the footage is always stable and not affected by the wind.

Is DJI Mini 4 Pro waterproof?

No. Avoid contact with water during use, as it may damage the device. If it rains during the flight, return and land as soon as possible, and wait until the aircraft is fully dry inside and out before using it again.

What app do I need to install before using DJI Mini 4 Pro?

DJI Mini 4 Pro can only be used with the DJI Fly app. You can download the latest version of DJI Fly from the DJI Mini 4 Pro Downloads page on the official DJI website.

* If you use DJI RC 2 as the remote controller, it comes with the pre-installed DJI Fly app.

What are the functions of the Two-Way Charging Hub?

The Two-Way Charging Hub supports USB PD fast-charging protocols, and can charge up to three batteries in sequence. You can also use it for battery storage or as a power bank (storing at least one battery with ample power) to charge your mobile device or remote controller via the USB-A port.