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IFLIGHT CHIMERA 7 PRO V2 O4 6S HD



link to the product:

<https://www.batna24.com/gb/p/fpv-drones/iflight-chimera-7-pro-v2-o4-6s-hd>

Price: **3,813.00 zł** gross / 3,100.00 zł net

Referention number: DNXGKJPHRMMKQ

Information:

iFlight Chimera 7 Pro V2 is an advanced 7.5-inch Long Range FPV drone, designed for long-distance flights and stable filming in challenging terrain. Equipped with XING2 2809 1250KV motors, a rigid frame made of 7075 aluminium and carbon fibre, and TPU guards, it offers high durability and good protection for the electronics. The DJI O4 Air Unit Pro system provides 1080p/100fps HD image, 4K recording and a range of up to 8-13 km. The drone supports 6S batteries, features GPS with Betaflight Rescue, an XT60 Anti-Spark filter and a Blitz F722 controller, which translates into safety, precision and long flight time.

Full product description

Specialist drone with long range

iFlight Chimera 7 Pro V2 is an advanced 7.5-inch class model, designed by **iFlight** for long-distance flights. The device is a practical solution for people looking for a stable platform capable of carrying large batteries, such as **6S 3300mAh** or larger Li-ion units. The **iFlight drone** has been optimised for aerodynamic efficiency, allowing exploration of hard-to-reach terrain while maintaining an appropriate flight time. Thanks to the **6S HD** system, the user gets a stable signal and high control precision, which is essential in **Long Range** operations.



Chimera7 Pro V2 frame construction with XING2 2809 motors

The construction of the **Chimera7 Pro V2** model is based on a rigid frame that minimises resonance during the operation of large propellers. **iFlight** has equipped this unit with **XING2 2809** 1250KV motors, which use **Unibell** technology and durable **7075** aluminium bells. Inside the motors, Japanese **NSK** bearings and curved **N52H** magnets have been used, resulting in smooth operation and high mechanical quality. The frame has been designed to protect the **ESC** and flight controller from dirt and moisture, while using numerous **TPU** guards and illuminated side panels.



DJI O4 Air Unit technology and 6S HD image quality

In the field of **FPV** transmission, the **Chimera7 Pro V2 O4 6S** model uses the latest **DJI O4 Air Unit Pro** system. This technology allows 1080p/100fps video transmission over distances of up to 8-13 km, ensuring signal stability even in challenging environments. **Dji** has introduced a 1/1.3-inch sensor here, enabling **4K** recording with an ultra-wide 155° field of view. Compared with older systems such as the **DJI O3 Air Unit** or **HD O3**, the new unit offers lower latency and a higher bitrate, which is crucial for the safety of **LR** (Long Range) flights.



GPS functions and safety in the Pro V2 O4 6S HD model

Flight safety is supported by a pre-installed **GPS** module, which works with the **Betaflight GPS Rescue** function. This allows the drone to return automatically in the event of a loss of connection with the transmitter, which is essential during **long** flights in open areas. **iFlight** has also taken care of protecting the electronics by using an Anti-Spark filter at the **XT60** connector. This solution protects low-**ESR** capacitors from sudden voltage spikes when connecting **6S** batteries. The entire system is monitored by the efficient Blitz F722 flight controller, ensuring stable operating parameters across a wide temperature range.



The evolution of iFlight Nazgul Evoque technology in the V2 04 6S HD system

Drawing on experience from popular series such as **iFlight Nazgul Evoque**, the manufacturer has created a machine with greater payload capacity and vertical stability. **Drones** of this class allow batteries to be mounted both on the top and the bottom of the frame, making it easier to balance the centre of gravity properly. The **Chimera7 Pro V2 6S HD** reaches speeds of up to 140 km/h, which, combined with 7.5-inch propellers, gives full control over the flight path. Thanks to the use of high-strength materials and refined geometry, this unit is a suitable tool for professionals involved in filming dynamic shots from long distances.



Technical data

Parameter	Specification
Model	iFlight Chimera7 Pro V2 O4 6S HD
Wheelbase	327 mm $\pm$ 2 mm
Motors	XING2 2809 1250KV
Video system	DJI O4 Air Unit Pro
Flight controller	BLITZ F722
ESC	BLITZ E55 4-IN-1 55A
Power supply	6S LiPo / Li-ion (XT60)
Transmission range	Up to 13-15 km (depending on the standard)
Weight without battery	725 g $\pm$ 5 g
Propellers	HQ 7.5 inch



Key advantages:

- **High Long Range performance** thanks to 7.5-inch propellers and XING2 2809 motors.
- **Latest DJI O4 system** offering crystal-clear HD viewing and 4K recording.
- **Increased frame rigidity** made of 7075 aluminium and carbon fibre.
- **XT60 anti-spark protection** extending the life of electronic components.
- **Precise GPS navigation** with the ready-to-use Betaflight Rescue mode.
- **Advanced Aero design** protecting the electronics from environmental contaminants.

The product is intended for:

- **FPV pilots** specialising in long-distance terrain exploration.
- **Video creators** needing a stable unit for 4K recordings in the mountains and in open areas.
- **DJI ecosystem users** who own Goggles 3 or Goggles N3.
- **Advanced hobbyists** requiring high power and resistance to challenging flying conditions.