



DRON FPV BETAFPV PAVO FEMTO PNP ELRS 2.4G



link to the product:

<https://www.batna24.com/gb/p/fpv-drones/dron-fpv-betafpv-pavo-femto-pnp-elrs-24g>Price: **430.00 zł** gross / 349.59 zł net

Manufacturer: BETAFPV

Referention number: DNXXGKMPGRMMPO

Information:

BETAFPV Pavo Femto PNP ELRS 2.4G is a lightweight, compact 2S whoop drone created for dynamic freestyle and smooth FPV footage. The 75 mm design with propeller guards provides agility and flight safety, while preparation for the DJI O4 Air Unit allows you to build a digital setup for filming in 4K/60 fps. The frame has been optimised for greater thrust and stability, and the O4 II mount with vibration damping helps reduce jello and improve image quality. The F4 2-3S 20A AIO controller with ELRS 2.4G, 9V/2A and 5V/3A power supply, and LAVA 1102 14000KV motors guarantee fast response and good control. The PNP version does not include the DJI O4 Air Unit module or camera.

Full product description

Ready for 4K FPV flight

BETAFPV Pavo Femto PNP ELRS 2.4G is a compact 2S whoop drone designed for pilots who expect dynamic flight, low weight and compatibility with the DJI O4 Air Unit system. The PNP version is prepared for mounting an HD VTX module, so after installing a compatible DJI O4 system it enables the creation of a lightweight FPV setup for recording 4K/60 fps footage. A 75 mm wheelbase, Serial ELRS 2.4G receiver and optimised powertrain make this model well suited to freestyle flights and recording smooth close-range shots.



Pocket-sized design for freestyle and recording

Pavo Femto has been designed as a small, lightweight and responsive FPV quadcopter that can be taken almost anywhere. Low weight, a compact frame and propeller guards make it easier to fly in tighter spaces, while still retaining the characteristics needed for dynamic manoeuvres. The model combines the mobility of a micro drone with the capabilities of a digital FPV system and cinewhoop-style handling.



Frame optimised for greater thrust and stability

The Pavo Femto frame has been developed to better use the powertrain's potential and improve the stability of the entire build. The manufacturer indicates a 4% increase in thrust thanks to the optimised whoop duct, while reinforced connections between the propeller guard and carbon plate increase the rigidity of the set. Additional protection for the electronics helps reduce the risk of damage during training flights, configuration tests and more demanding freestyle manoeuvres.



O4 II mount and effective vibration damping

The integrated O4 Air Unit Bracket II provides more stable camera mounting and reduces vibrations transmitted through the frame. The camera is secured with 4 screws, and soft damping balls isolate it from vibrations generated by the frame and powertrain. This solution helps reduce the “jello” effect, improves recording quality and makes it easier to achieve smooth FPV footage.



Advanced F4 2-3S 20A AIO flight controller

At the heart of the drone is the F4 2-3S 20A AIO FC flight controller, prepared for use with a digital HD VTX system. The integrated 20A ESC enables quick throttle response, while the dual BEC system provides 9V 2A power for the DJI O4 Air Unit and 5V 3A for external devices. The built-in Serial ELRS 2.4G receiver handles communication with the transmitter, and the dedicated 6-pin connector makes it easy to install the DJI O4 module.



LAVA 1102 14000KV motors for dynamic flight

BETA FPV Pavo Femto uses LAVA 1102 14000KV brushless motors combined with Gemfan 1611 3-Blade 40 mm propellers. This setup achieves a thrust-to-weight ratio of 6.75:1 in the DJI O4 Air Unit configuration, resulting in rapid acceleration, control during manoeuvres and high responsiveness in freestyle flight. The refined motor design supports efficient operation and provides an appropriate power reserve for a lightweight 2S drone.



Box contents

The BETA FPV Pavo Femto PNP set includes the items needed to prepare an FPV configuration with the option of mounting the DJI O4 Air Unit system.

- 1 × BETA FPV Pavo Femto Brushless Whoop Quadcopter PNP
- 1 × O4 Air Unit Bracket II top plate
- 1 × O4 Air Unit Bracket II bottom plate
- 4 × GF 1611 3-Blade propellers
- 1 × Type-C to SH1.0 adapter
- 1 × SH1.0-4Pin adapter cable
- 1 × 5.8G VTX antenna
- 6 × damping pads for DJI O4 Air Unit
- 6 × damping balls for O4 Air Unit Bracket II 8.8 mm
- 6 × M2×4 flat-head screws
- 8 × M1.4×6 Phillips screws with flat washer
- 1 × Phillips screwdriver
- 1 × H1.5 hex screwdriver

The PNP version does not include the DJI O4 Air Unit / HD VTX module or camera.

Technical specifications

Parameter	Details
Product	BETA FPV Pavo Femto Brushless Whoop Quadcopter
Version	PNP / ELRS 2.4G
Type	Brushless FPV whoop quadcopter
Power supply	2S
Wheelbase	75 mm
Frame	Pavo Femto Brushless Whoop Frame, black
Motors	LAVA 1102 Brushless Motor
Motor KV	14000KV
Propellers	Gemfan 1611 3-Blade, 40 mm
Flight controller	F4 2-3S 20A AIO FC
MCU	STM32F405RGT6
IMU	ICM42688P / ICM42605
ESC	Integrated 2-3S 20A BLS ESC ×4
ESC firmware	Bluejay 48K
Receiver	Built-in Serial ELRS 2.4G
BEC	9V 2A for DJI O4 Air Unit, 5V 3A for external devices
HD VTX connector	6-pin
Compatible video system	DJI O4 Air Unit

Parameter	Details
Camera / VTX	None, PNP version without HD VTX
Motor connector	JST1.25-3Pin
Thrust-to-weight ratio	6.75:1 with DJI O4 Air Unit
Recommended battery	LAVA 2S 450 mAh / compatible 2S XT30 battery
Flight time	Up to approx. 5 min 15 s
Weight	Approx. 40.5 g PNP; approx. 54.77 g with O4 without battery
Intended use	FPV freestyle, cinewhoop flights, HD recording after fitting DJI O4 Air Unit