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Dron Pavo20 Pro Brushless Whoop Quadcopter | O4 Pro | SBUS

Cena brutto	**539,99 zł**
Cena netto	**439,02 zł**
Dostępność	**Aktualnie niedostępny**
Czas wysyłki	**1 - 3 dni**
Kod producenta	**01010041_5**
Producent	**BetaFPV**

Opis produktu

Dron Pavo20 Pro Brushless Whoop Quadcopter | O4 Pro | ELRS 2.4G

*W zestawie brak modułu O4 Pro

The 2.2'' Pavo20 Pro redefines lightweight freestyle performance, offering expanded compatibility with both DJI O3 Air Unit and the new DJI O4 Air Unit Pro—all under 150g. Engineered for cinematic agility, it pairs the explosive thrust of LAVA 1104 | 7200KV Brushless Motors and 2.2″ Gemfan 2218 3-Blade Props with an aerodynamic frame design that delivers an 8–11% thrust boost, pushing flight times up to 6'40''. The injection-molded HD VTX bracket features dual camera mounting holes for DJI O3/O4 Pro wide-angle shooting and optimized antenna fixing for stable signal clarity. Combined with the rubber dampers, this setup eliminates jitter and vibrations, ensuring silky-smooth footage even during aggressive maneuvers.

Unleash the Night with Pavo20 Pro NightFire

Elevate your nighttime flying experience with the Pavo20 Pro NightFire—a limited edition release designed to dazzle. Featuring an upgrade to vibrant RGB LED strips, it delivers a stunning array of colors and dynamic display modes. Effortlessly switch between multiple preset lighting options at the touch of a button, and enjoy seamless compatibility with Betaflight LED settings for complete customization. Encased in a sleek, translucent black frame, the Pavo20 Pro NightFire is built to shine brilliantly against the night sky. Light up your flight path like never before.

Bullet Points

- Lightweight Powerhouse: Weighing under 150g, this 2.2″ pocket-size cinewhoop is the perfect gateway for DJI pilots to dive into FPV—now with expanded DJI O4 Air Unit Pro compatibility.
- Freestyle-Optimized Propulsion: The GF 2218 3-Blade Props (co-developed with Gemfan) and LAVA 1104 | 7200KV Brushless Motors offers unparalleled thrust, while the aerodynamic frame adds an 8–11% boost for aggressive maneuvers.
- Extended Flight Performance: Powered by the LAVA 3S 550mAh 75C Battery, enjoy up to 6'40'' flight time.
- Cinematic Stability: The injection-molded HD VTX and Pavo Series' Classic Rubber Damper ensures jitter-free footage, while the dual cam fixed holes for O3/O4 Pro wide-angle shooting and optimized anntenna holder gurantees every frame you captured is perfect.
- Flight Controller: The ultra-light F4 2-3S 20A AIO FC V1 (5.92g) is optimized for HD digital VTX. Its improved computing power and rapid response make it an ideal choice for Freestyle.
- Modular HD VTX Bracket System: Easily swap between the O3 Air Unit Bracket and O4 Air Unit Pro Bracket to accommodate your preferred HD VTX.
- ND Filter Compatibility: ND/UV/CPL filters for O3 and ND/UV filters for O4 Pro let you master any lighting condition.

Specifications

	Pavo20 Pro (O3 PNP)	Pavo20 Pro (O4 Pro PNP)
Wheelbase	93.7mm	
Battery Connector	XT30	
Battery Slot	20mm * unlimited height	
FC	F4 2-3S 20A AIO FC V1	
Frame	Pavo20 Pro Brushless Frame	
Motor	LAVA Series 1104 | 7200KV Brushless Motors	
Props	Gemfan 2218 3-Blade Propellers (1.5mm Shaft)	
Flight Time	6'40'' (with LAVA Series 3S 550mAh Battery)	
Camera Filter Installation	Vertical	
RX Version	ELRS, TBS, SBUS	ELRS, SBUS
HD VTX Bracket	O3 Air Unit Bracket	O4 Air Unit Pro Bracket
Weight	66.3g (O3 PNP Version)	71g (O4 Pro PNP Version)
Supported VTX	DJI O3 Air Unit / Caddx Vista Kit / RunCam Link (with O3 Air Unit Bracket)	DJI O4 Air Unit Pro (with O4 Air Unit Pro Bracket)
Recommended Filter	ND Filter for O3 Camera	ND Filter for O4 Pro Camera
Recommended Battery	LAVA 3S 450mAh 75C Battery, LAVA 3S 550mAh 75C Battery, 3S 650mAh Battery	

Cautions:

1. *Please correctly connect the battery's positive and negative terminals to prevent drone damage.*
2. *The O4 Pro Version includes the O4 Pro VTX, while all PNP versions does NOT include all VTX systems (including DJI O4 Pro, O3, Caddx, and RunCam) and must be purchased separately.*

Multi-VTX Ready: Seamless Swaps, Uncompromised HD

The Pavo20 Pro Frame delivers unmatched versatility with integrated VTX bracket compatibility for DJI O3 Air Unit, Caddx Vista, RunCam Link, and DJI O4 Air Unit Pro. Its modular design enables quick upgrades from O3 to O4 Pro with a simple bracket swap - no frame modifications needed. The hassle-free installation system features an injection-molded HD VTX mount with embedded copper nuts, allowing the entire frame to be assembled securely with just 8 half-thread screws—eliminating tedious tightness adjustments while enhancing anti-vibration performance. This precision engineering preserves structural integrity, optimizes aerodynamics, and guarantees stable, smooth HD footage across all supported systems.

Propulsion System

It owns a propulsion system specially for Freestyle. Co-developed with the Gemfan, the pioneering 2.2'' lower pitch Gemfan 2218 3-Blade Propellers (1.5mm Shaft). Featuring LAVA Series 1104 | 7200KV Brushless Motors and the LAVA 3S 550mAh 75C Battery we recommended, ensuring delivers a high PRM, max thrust, stable linear power like cheetah reflexes propulsion system. It achieves a thrust-to-weight ratio greater than 5:1, delivering a faster and more agile freestyle up to 6'40'' flight time experience. All set on the exclusively sculpted for freestyle shooting Pavo20 Pro frame, which employs the principles of aerodynamics.

Pavo20 Pro Frame

The Pavo20 Pro Frame is tailored for the Pavo20 Pro, now with expanded compatibility to support the latest DJI O4 Air Unit Pro — paired seamlessly with the O4 Pro Bracket for enhanced stability and versatility. Designed with a 93.7mm wheelbase and constructed from crash-proof PA12 thickened whoop ducts, this frame combines durability with aerodynamic efficiency, delivering an 8-11% thrust boost. Perfectly paired with a robust 3S propulsion system, it generates unparalleled power for freestyle and cinematic flights. The frame also features dual camera fixed holes for DJI O3 and O4 Pro wide-angle shooting and the classic rubber damper design, ensuring buttery-smooth, HD footage every time.

Exclusively Sculpted for HD VTX

The O3 Air Unit Bracket and new O4 Air Unit Pro Bracket are designed to maximize compatibility and performance for cinematic freestyle flying.

O3 Air Unit Bracket

It feature 6 camera fixing holes, including dedicated wide-angle mounting positions to eliminate side-panel shadows and ensure unobstructed field-of-view capture, alongside a reinforced cam side panel that protects lenses while enabling tool-free vertical ND filter swaps. The optimized antenna holder secures cables for stable signal transmission, while the Pavo Series' signature rubber damper design eradicates vibrations for jello-free footage.

Please refer to Pavo Pico DJI O3 Vibration Problem.
Watch the installation guide video for DJI O3 Air Unit.

O4 Air Unit Pro Bracket

Building on the proven O3 Bracket, the new O4 Pro Bracket introduces several key improvements: dual fixing holes optimize the camera's center of rotation for smooth 0-40° tilt adjustments while maintaining stability. The 30° angled antenna mounts ensure maximum signal strength and feature tool-free installation for quick antenna swaps. A redesigned streamlined profile provides unobstructed ND filter access, even in wide-angle shooting scenarios. These thoughtful upgrades make transitioning between O3 and O4 Pro systems seamless, offering pilots the perfect balance of cinematic precision and freestyle durability.

Watch the installation guide video for DJI O4 Air Unit Pro.

Flight Controller

Our F4 2-3S 20A AIO FC V1 features an ESC with a peak current of 25A, ensuring stable operation of the FC even in the event of motor stalling. The addition of a 9V 2A BEC power supply ensures the stable operation of the DJI O3 HD VTX when the

battery voltage is low. It also includes a DJI O3 6-pin PMU allowing for connection to HD VTX without soldering. It integrates features such as a 16MB black box, with support for GPS, external receivers, and other devices. The redesigned solder pad layout and USB connector make installation and maintenance easier and more convenient.

Pavo Series COB LED Strip

The Pavo Series COB LED Strip is a 5V-powered LED strip measuring 560 mm*4 mm. It provides increased visibility and facilitates easy observation of the drone's flight by the pilots during nighttime or poorly lit conditions, which also enhances operational safety, It can be securely mounted on the frame whoop duct, adding unique lighting effects and a visually captivating appearance. Choose from a single color option of ice blue, white, green, or red, or even mix multiple colors to personalize and elevate your flying experience while ensuring safety.

ND Filters: Perfect Exposure, Every Frame

The Pavo20 Pro supports specialized ND filters for both DJI O3 Air Unit and DJI O4 Air Unit Pro, offering creators unparalleled light management for cinematic flights. For O3 users, choose from UV, CPL, ND8, ND16, and ND32 filters. O4 Pro pilots can select from UV, ND8, ND16, and ND32 options. Both systems integrate perfectly with the Pavo20 Pro's modular design, allowing tool-free filter swaps in seconds through the dedicated O3 or O4 Pro brackets. Crafted from premium optical materials yet lightweight enough for freestyle flying, these filters help transform every flight into a cinematic masterpiece.

Note: We've customized the button functions on your DJI FPV Remote Controller for seamless FPV operation. This tailored mapping maximizes control efficiency during freestyle and cinematic flights. Refer to the diagram provided for the updated layout.

Recommend Parts

- FC&ESC: F4 2-3S 20A AIO FC V1
- Motor: LAVA Series 1104 | 7200KV Brushless Motors
- Propellers: Gemfan 2218 3-Blade Propellers (1.5mm Shaft)
- Frame: Pavo20 Pro Brushless Whoop Frame
- Battery: LAVA 3S 450mAh 75C Battery, LAVA 3S 550mAh 75C Battery
- Filter: ND Filter for O3 Camera, ND Filter for O4 Pro Camera
- VTX: DJI O3, DJI O4 Pro, Caddx Vista, RunCam Link
- Accessory: 5.8G VTX Antenna Packet, Drone Screw Pack

File

- FC firmware and CLI dump file (F4 2-3S 20A AIO FC V1) (Pavo20 Pro)
- FC firmware and CLI dump file (F405 2-3S 20A V1.0 FC) (Pavo20 Pro NightFire)
- Pavo20 Pro NightFire RGB Control Board Manual

Package

Pavo20 Pro Brushless Whoop Quadcopter (O3 PNP Version)

- 1 * Pavo20 Pro Brushless Whoop Quadcopter
- 1 * O3 Air Unit Bracket
- 1 * HD VTX Bracket Screw Package
- 1 * Pavo Series COB LED Strip Accessory Kit
- 4 * Gemfan 2218 3-Blade Propellers (1.5mm Shaft)
- 1 * PCBA | Type-C Adapter Board
- 1 * 4Pin Adapter Cable

Pavo20 Pro Brushless Whoop Quadcopter (O4 Pro PNP Version)

- 1 * Pavo20 Pro Brushless Whoop Quadcopter
- 1 * O4 Air Unit Pro Bracket
- 1 * HD VTX Bracket Screw Package
- 1 * Pavo Series COB LED Strip Accessory Kit
- 4 * Gemfan 2218 3-Blade Propellers (1.5mm Shaft)
- 1 * PCBA | Type-C Adapter Board
- 1 * 4Pin Adapter Cable

Pavo20 Pro Brushless Whoop Quadcopter (O4 Pro Version)

- 1 * Pavo20 Pro Brushless Whoop Quadcopter
- 1 * SH1.0 | 6Pin 100mm Cable
- 1 * Pavo Series COB LED Strip Accessory Kit
- 4 * Gemfan 2218 3-Blade Propellers (1.5mm Shaft)
- 4 * M2 Nuts
- 1 * PCBA | Type-C Adapter Board
- 1 * 4Pin Adapter Cable
- 1 * O4 Air Unit Pro User Manual

Note: The O4 Pro Version includes the O4 Pro VTX, while all PNP versions does NOT include all VTX systems (including DJI O4 Pro, O3, Caddx, and RunCam) and must be purchased separately.