Dane aktualne na dzień: 11-11-2026 12:58

Link do produktu: https://www.nobshop.pl/dron-betafpv-pavo35-power-unit-expresslrs-elrs-p-4278.html



Dron BetaFPV Pavo35 Power Unit ExpressLRS ELRS

Cena brutto	**1 266,99 zł**
Cena netto	**1 030,07 zł**
Dostępność	**Aktualnie niedostępny**
Czas wysyłki	**1 - 3 dni**
Producent	**BetaFPV**

Opis produktu

Dron BetaFPV Pavo35 Power Unit ExpressLRS ELRS

Bez systemu wizyjnego. Wymaga umiejętności samodzielnego montażu.
Pasuje do niego większość modułów wizji, takich jak:

• DJI O3+
• DJI VISTA
• WALKSNAIL AVATAR
• HDZERO
• ANALOGOWE ROZWIĄZANIA

Pavo35 is the revolutionary Cinewhoop that the product team has come up with after spending countless hours applying aerodynamics. The whoop duct can enhance an additional 400g thrust and a CNC 7075 Aluminum Y shape standoff to eliminate distortion and bending during flight while also accommodating mainstream HD VTX and Standard Action Cams. The new powerful propulsion system, boosts computational power for up to 12 minutes of flight time, guaranteeing it is the smoothest, most powerful, and most responsive flight among all 3.5" cinewhoops.

Bullet Point

- With a 9:4:1 Trust-to-weight Ratio, it is a quad that can be compared to the power of a 5" quad. 12 minutes of flight time ensures the pilot flies and captures maximum footage in one go.
- The innovative Y-shaped CNC metal support structure can improve the structural strength, torsion resistance, and vibration characteristics of the entire machine compared to aluminum columns, making it respond faster and more smoothly.
- Rocket engine-inspired duct design improves lateral stability and increases thrust by 400g compared to without a propeller guard, giving the Pavo35 stronger power and a better flying feel.
- The whoop duct is riveted and assembled, and the new appearance and design concept enables more effortless installation and a stronger structure.
- It offers exceptional mounting capabilities and supports not only DJI O3, Walksnail, and HD VTX installations but also works seamlessly with standard action cameras such as GoPro 12, DJI Action 4, and Insta One R.
- F722 35A AIO Brushless Flight Controller comes with an F722 chip this board provides a great performance capability and high processing speed of up to 128k PWM frequency,
- The COB light strip assembly that can be switched on and off remotely allows pilots to enjoy flying in any scene.

Specification

	Pavo25 V2	Pavo35
Wheelbase	112mm	148mm
Motor	1505 | 4600KV	2006 | 2400KV

Props	GF D63-3	GF D90S-3
Battery Connector	Fixed XT30	Fixed XT60
Weight(excluding DJI O3 Air Unit, Battery)	153g	238g
Weight(including DJI O3 Air Unit)	190g	275g
Battery	4S 650mAh□850mAh	6S 1050mAh□1400mAh
Flight Time	6~8 mins	10~12 mins
Recommend Camera	Naked GoPro 12□DJI Action 2□Insta Go 3	GoPro12, DJI Action4, Insta One R
FC	F722 35A AIO V2	
Support VTX	DJI O3 Air Unit Walksnail Avatar HD Pro Kit Caddx Vista Kit/RUNCAM Link Analog camera	
Support Camera	DJI O3 Avatar HD Pro Caddx, RUNCAM series 19mm&20mm HD Analog 19mm	
RX Version	ELRS, TBS	
Camera Mount	GoPro Mount	

Camera & VTX System

The Pavo35, as a Cinewhoop, boasts compatibility with a wide range of FPV cameras and HD VTX systems, making it highly versatile. It offers exceptional mounting capabilities and supports not only DJI O3, Walksnail, and HD VTX installations but also works seamlessly with standard action cameras such as GoPro 12, DJI Action 4, and Insta One R, thanks to the included injection-molded camera bracket. The new shock-absorbing gimbal design is used in combination with the frame, it effectively addresses the issue of video jelly and enhances the stability of FPV cameras. It enables the drone to capture thrilling freestyle scenes at high speeds and output professional-grade aerial footage.

Pavo35 Frame Kit

Pavo35 whoop duct can enhance an additional 400g thrust and also a CNC 7075 Aluminum Y shape standoff to eliminate distortion and bending during flight. Powerful and smooth flying is guaranteed. The modular design of the frame guarantees a streamlined appearance, with no protruding wires and the fixed power port design enables effortless one-handed connection. Assembling the frame is a breeze, requiring the simple tightening of the four bottom screws and utilizing the riveting design for convenient detachment of the duct.

The design of the whoop duct fully refers to the aerodynamic principle of the rocket engine nozzle and utilizes different heights and thicknesses between the upper edge and lower edge, through the compression of the inlet air within the duct, a substantial increase in exhaust pressure is achieved. Consequently, an additional thrust of 400g is generated, while simultaneously enhancing the horizontal stability of the cinewhoop. With augmented power and exceptional flight stability, executing challenging maneuvers such as flips and turns on the Pavo35 results in remarkably steady and precise responses. Pilots will experience an enhanced flying sensation.

The Y structural Shape standoff means 8 support force is on the top plate, increasing the structural strength of the quad, which results in smoother turns and minimal vibrations during flight. The CNC standoff is made with aircraft standard material - 7075 Aluminium Alloy to increase strength for ensure that pilots can embark on powerful flights with confidence. Additionally, the duct is securely fastened with only 4 screws, while the remaining connections employ the time-honored Chinese traditional riveting technique to ensure fast assembling and disassembling also including fixed power port design.

Powerful Propulsion System

LAVA Series 2006 Brushless Motors is designed for the 6S 3.5'' quads, with high agility and acceleration. Combined with GemFan D90S 3-Blade Propellers (1.5mm Shaft) and the F722 35A AIO V2 FC, it could offer pilots flexible control. Easily meet competitively challenging drone competitions and professionally shot film creation needs, bringing you a superb flight experience and high-quality image output, leading the 6S 3.5'' quads to a smoother and more stable flight level.

Flight Controller

F722 35A AIO Brushless Flight Controller comes with an F722 chip this board provides a great performance capability and high processing speed of up to 128k PWM frequency, built-in a 16MB flash memory chip dedicated to Blackbox logging. 6 full UARTs are available on this board. Featuring a 6-pin plug&play port, it can directly connect HD Digital VTX with NO soldering work. With the support of up to 2~6S input voltage, this FC pushes the FPV racer to the max, providing reliable and smooth flight for drones.

Shine in Night Cruise

The Pavo Series COB LED Strip is a 5V-powered LED strip measuring 750 mm*4 mm. Pavo35 Brushless Whoop Quadcopter offers the remarkable feature of controlling the onboard COB light strip via a radio transmitter. This convenient functionality allows for flexible control of the light strip's brightness and on/off status. Since light pollution should be eliminated when shooting videos, COB needs to be turned off. However, COB can be turned back on when racing and freestyle, enhance the ambiance, and provide navigation indicators, empowering pilots to seamlessly switch between various scenes anytime such as entertainment, sports, or film creation, catering to their specific needs.

ND Filter for DJI O3 Camera

BETAFPV ND Filter for DJI O3 Camera, UV, CPL, ND8, ND16, ND32, is specifically designed for the Pavo35, Pavo25 V2, Pavo20, and Pavo Pico Brushless Whoop Quadcopter. Meanwhile, the DJI O3 Air Unit ND Filters are tailored for the DJI O3 Air Unit and are capable of reducing the amount of light that enters the camera lens. With this feature, you can achieve slower shutter speeds or wider apertures when flying. These lightweight filters are crafted from high-quality optical class ensuring optimal image clarity and are too easy to install on the build.

Recommend Parts

- FC: F722 35A AIO V2
- Motor: LAVA Series 2006 Brushless Motors
- Propellers: GemFan D90S 3-Blade Propellers(1.5mm Shaft)
- Battery: LAVA Series 6S 1100mAh LiPo Battery
- Battery Strap: Pavo Series Battery Strap(2PCS)
- Filter: BETAFPV ND Filter for DJI O3 Camera
- VTX: DJI O3 Air Unit, Walksnail Avatar HD Pro Kit, Caddx Vista Kit, RUNCAM Link, Analog

FAQ

- Download the STL File for Pavo35
- Download the FC firmware and CLI dump file(F722 35A AIO V2)
- Download the Manual for the Pavo35 Brushless Whoop Quadcopter
- Click to watch the installation guide video for the DJI O3 Air Unit on Pavo35

Package

- 1 * Pavo35 Brushless Whoop Quadcopter | PNP
- 1 * COB Light Strip Accessory Pack
- 4 * GemFan D90S 3-Blade Propellers(1.5mm Shaft)(Transparent Gray)
- 1 * GoPro Mount
- 1 * Camera Mount (Left)
- 1 * Camera Mount (Right)
- 4 * M1.6 * 8 Hex Flat Head Screw
- 4 * M2 * 3 Hex Flat Head Screw
- 4 * M2 * 8 Hex Flat Head Screw
- 4 * M2 * 4 Hex Button Head Screw
- 2 * M2 * 5 Hex Button Head Screw
- 2 * M2 * 8 Hex Button Head Screw

- 1 * M5 * 18 Hex Button Head Screw
- 1 * M5 * 5 Anti-loosening Nut
- 1 * H1.27 Hexagon Wrench
- 1 * Service Card
- 1 * Frame Instruction Manual
- 1 * Flight Controller Instruction Manual