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Dron BetaFPV Meteor65 Pro pod O4 Lite PNP ELRS

Cena brutto	**489,00 zł**
Cena netto	**397,56 zł**
Dostępność	**Aktualnie niedostępny**
Czas wysyłki	**1 - 3 dni**
Producent	**BetaFPV**

Opis produktu

Dron BetaFPV Meteor65 Pro pod O4 Lite PNP ELRS (bez O4)

The Meteor65 Pro O4 is a cutting-edge 1S high-definition whoop quadcopter optimized for the DJI O4 Air Unit. With a 66mm wheelbase, powerful 0802SE | 19500KV motors, and GF 35mm 3-blade propellers, it delivers outstanding flight performance and stability. Equipped with the advanced Matrix 1S 3IN1 HD FC and integrated DJI O4 shock-absorbing components, this drone is finely tuned for smooth, high-definition aerial photography. Its redesigned canopy provides enhanced durability, adjustable camera angles, and exceptional image clarity, making the Meteor65 Pro O4 the ideal choice for FPV filmmakers and enthusiasts alike.

Bullet Points

- Optimized for DJI O4 Air Unit: Engineered for a softer, more stable flying style, perfect for capturing smooth high-definition footage indoors.
- Advanced Flight Controller: Powered by the Matrix 1S 3IN1 HD FC, offering enhanced integration, performance and seamless operation.
- Precision Flight Tuning: With optimized PID parameters, extended throttle range, and adapted RATE configurations, Meteor65 Pro O4 ensures precise altitude control and natural camera movements—ideal for FPV filmmakers and content creators.
- Enhanced Power Configuration: Despite increased weight, the 0802SE | 19500KV Motors combined with GF 35mm 3-Blade Props ensure excellent thrust and responsive flight performance.
- Redesigned Canopy: Incorporates shock-absorbing components for smoother, more stable HD footage and offers an adjustable camera angle range from 10° to 35° to achieve the perfect shot.
- Durable and User-Friendly: Built for reliability and ease of use, designed to stand apart from the competition-focused Air Series while delivering a refined and enjoyable flying experience.

Specifications

- Item: Meteor65 Pro O4 Brushless Whoop Quadcopter
- Wheelbase: 66mm
- Motors: 0802SE|19500KV Motor
- Battery: LAVA 1S 300mAh Battery
- Frame: Meteor65 Pro Brushless Whoop Frame (Transparent Gray)
- Propellers: Gemfan 35mm 3-Blade Propellers
- Camera: DJI O4 Camera
- Canopy: Canopy for O4 Air Unit
- FC: Matrix 1S 3IN1 HD FC
- Receiver: Onboard Serial ELRS 2.4G
- VTX: DJI O4 Air Unit
- Flight time: 2:40

- Weight: 28.53g

Advanced Stability with Matrix 1S 3IN1 HD FC

The Meteor65 Pro O4 is powered by the cutting-edge Matrix 1S 3IN1 HD FC, purpose-built for 1S HD whoops. Designed exclusively for digital FPV, this FC combines a flight controller, ESC, and ELRS 2.4G RX into a compact, lightweight unit, eliminating analog OSD for seamless performance. With a newly developed BEC and ESC, the Matrix 1S 3IN1 HD FC ensures stable digital image transmission, even in challenging conditions, giving pilots the confidence to push their flights further. Experience effortless setup, reliable power, and unmatched stability in every flight.

Fly Stable, Capture Full HD

To address the DJI O4 Air Unit's sensitivity to high-frequency vibrations caused by its built-in gyroscope for video stabilization, Meteor65 Pro O4 features dedicated shock-absorbing components. These components use four carefully designed shock-absorbing balls to securely connect the DJI O4 Camera to the bracket. This innovative design effectively isolates and absorbs high-frequency vibrations, ensuring smooth, stable footage and eliminating image shake or jello effects during FPV filming. Perfect for creators seeking high-quality aerial videography.

Precision Tuned for Cinematic Aerials

The Meteor65 Pro O4 builds on the ease-of-use and durability of the Meteor65 Pro, delivering smooth, high-definition aerial photography with the DJI O4 Air Unit. Its soft flying style is ideal for filmmakers, with optimized PID parameters, extended throttle range, and adapted RATE configurations for precise altitude control and natural camera movements. Perfect for cinematic creations and recreational flying indoors, it offers unparalleled stability. For high-definition freestyle enthusiasts, the Pavo Femto is available, designed for ultimate aerial acrobatics.

Tailored for Whoop Drones, The Canopy for O4 Air Unit

Tailored for whoop drones, the Canopy for O4 Air Unit integrates BETAFPV's signature micro canopy design with optimized inner space and mounting holes for DJI O4's shock-absorbing components. Featuring an adjustable camera angle from 10° to 35°, it ensures perfect HD footage without capturing the frame or canopy.

Power System

The Meteor65 Pro O4 is powered by 0802SE | 19500KV motors, GF 35mm 3-Blade props, enhanced continuous 12A ESC, and the high-performance LAVA 1S 300mAh battery, delivering a seamless balance of power and efficiency. This advanced setup effortlessly handles the size and weight of the DJI O4 Air Unit while providing an impressive 2:40 minutes flight time. With this finely tuned power system, you can confidently achieve smooth, high-definition aerial footage on every flight.

Meteor75 Pro O4 vs. Meteor65 Pro O4

The Meteor65 Pro O4 and Meteor75 Pro O4 are both optimized for the DJI O4 Air Unit, featuring the Matrix 1S 3IN1 HD FC, Shock-absorbing Components, and a durable redesigned canopy. The Meteor65 Pro O4, with its 66mm wheelbase, 0802SE | 19500KV motors, and GF 35mm 3-blade propellers, offers up to 2:40 minutes of flight time. Meanwhile, the Meteor75 Pro O4 features a larger 80.8mm wheelbase, 1102 | 22000KV motors, and GF 45mm 3-blade propellers, providing an extended 5:30 minute flight time.

Recommended Parts

- Radio Transmitter: LiteRadio 3 Pro, LiteRadio 3, LiteRadio 2 SE
- Battery: LAVA 1S 300mAh Battery
- FC: Matrix 1S 3IN1 HD FC
- Motor: 0802SE | 19500KV Brushless Motor
- Props: Gemfan 35mm 3-Blade Propellers (1.5mm Shaft 4PCS)
- Frame: Meteor65 Pro Brushless Whoop Frame
- Canopy: Canopy for O4 Air Unit

File

- FC firmware and CLI dump file

How to install DJI O4 Air Unit on Meteor65 Pro O4 Brushless Whoop Quadcopter (PNP Version)?

Package

Meteor65 Pro O4 Brushless Whoop Quadcopter (DJI O4 Version)

- 1 * Meteor65 Pro O4 Brushless Whoop Quadcopter (DJI O4 Version)
- 4 * Shock-absorbing Balls for DJI O4 Camera
- 4 * GF 35mm 3-Blade Propellers
- 1 * Type-C to SH1.0 Adapter
- 1 * SH1.0-4Pin Adapter Cable
- 4 * M1.4*3 Phillips Flat Head Screws

Meteor65 Pro O4 Brushless Whoop Quadcopter (PNP Version)

- 1 * Meteor65 Pro O4 Brushless Whoop Quadcopter (PNP Version)
- 1 * Canopy for O4 Air Unit
- 4 * GF 35mm 3-Blade Propellers
- 1 * Type-C to SH1.0 Adapter
- 1 * SH1.0-4Pin Adapter Cable
- 1 * SH1.0-6Pin HD Cable
- 1 * 5.8G VTX Antenna
- 4 * Shock-absorbing Balls
- 8 * Shock-absorbing Balls for DJI O4 Camera
- 1 * DJI O4 Camera Bracket
- 1 * Shock-absorbing Mount for DJI O4 Camera
- 4 * M1.4*3 Phillips Flat Head Screws
- 4 * M1.4*10*4 Phillips Flat Washer Head Tapping Screws
- 4 * M2*4 Flat Head Socket Cap Screws
- 1 * Phillips Screwdriver