



BETAFPV AQUILA 20 HD FPV KIT



link to the product:

<https://www.batna24.com/gb/p/fpv-drones/betafpv-aquila-20-hd-fpv-kit>

Price: **1,899.00 zł** gross / 1,543.90 zł net



Manufacturer: BETAFPV

Referention number: DNXXGKLNOMRMNIN

Information:

Aquila20 HD FPV Kit is a complete FPV flying set that includes a drone, HD goggles and a controller, so you can start flying straight out of the box. It offers 1080p@60 fps image quality with approx. 60 ms latency, a range of up to 400 m and up to 10 minutes of flight on a single battery. The 170° wide-angle view makes orientation easier, while the N/S/M modes let you match the difficulty level to your skills. The stable 2S power system, Turtle Mode and durable PA410 frame support learning, training and safe landings. The VR04 goggles are also comfortable for glasses wearers.

Full product description

Complete FPV flying kit

Aquila20 HD FPV Kit is a **complete FPV flying kit** that combines a drone, HD goggles and a controller in one box. You get equipment ready to fly without having to choose separate components, which shortens the path from unboxing to the first flight. It is a solution for people who want to get into FPV with HD image quality and stable control.

Zestaw Aquila20 HD FPV

Ewolucja HD, Od Nowicjusza do Mistrza



- 1080P@60kl./s HD
- 10 min Czas Lotu
- Stabilny Zawis
- Kompletny Zestaw FPV, Gotowy do Lotu
- Napęd 2S
- Rama Odporna na Uderzenia

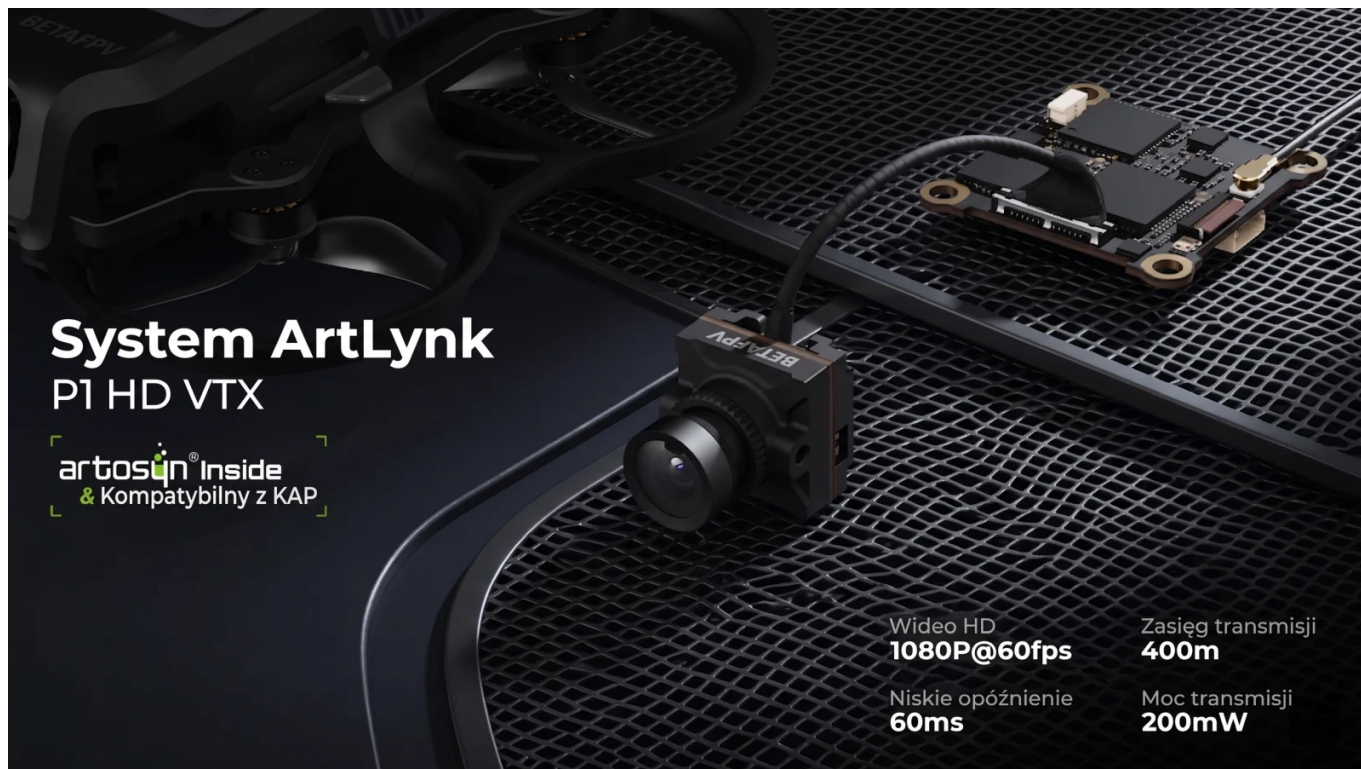
Key advantages

- **Complete equipment** - the set includes a drone, goggles and transmitter, so you do not waste time matching compatible parts.
- **1080p@60 fps** - smooth image makes flight control easier and helps you read the surroundings better.
- **Approx. 60 ms latency** - image response is faster, so control feels more natural.
- **Range up to 400 m** - you gain more freedom in open spaces and a calmer training flight.
- **Up to 10 minutes of flight** - more time in the air means more practice on a single battery.
- **Modes for beginners and advanced users** - you can start with stable hovering and then move on to full manual control.



HD image with low latency

The **P1 HD VTX** system provides **1080p@60 fps** transmission, so you can see more detail during manoeuvres and when flying through obstacles. A latency of around **60 ms** reduces the gap between stick movement and what you see in the goggles. This image quality increases control over the drone and makes it easier to learn smooth reactions.



Wide frame and better orientation

The camera with a **1/2.9" CMOS** sensor and a **170°** field of view covers a wide part of the surroundings, making it easier to judge height, distance and the drone's position. This helps you spot obstacles faster and fly more confidently during tight passes. A wider frame also results in more engaging flight footage.



Stable flight

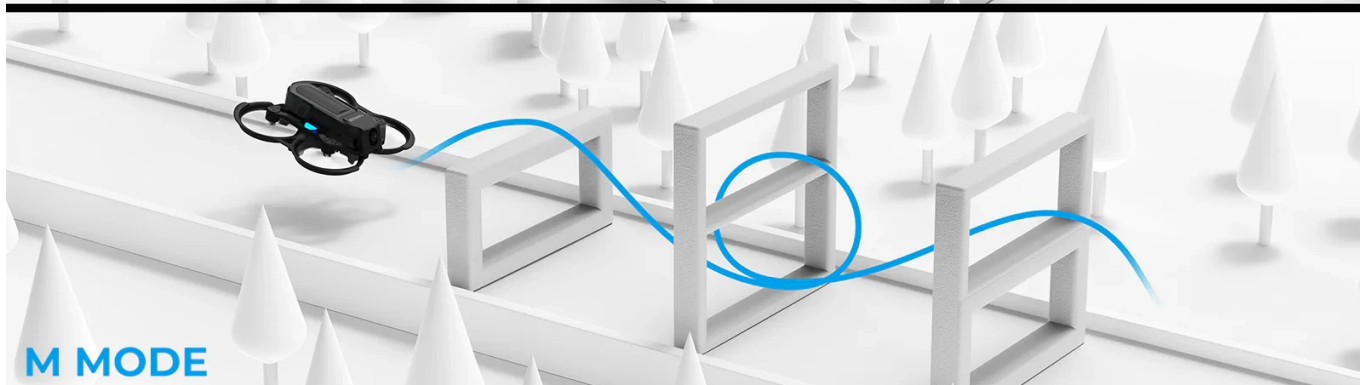
The **2S** power system provides a clear power reserve while maintaining predictable handling, which is important during learning and everyday practice. The inverted duct design improves thrust and supports stability in the air. In practice, you get a drone that responds confidently but does not require an aggressive flying style.

Zupełnie nowa rama: Bezkompromisowa pewność



Modes for learning and progression

The kit offers three flight modes **N / S / M**, so you can match the level of assistance to your skills. The mode with altitude hold and stable hovering makes take-off, orientation and safe landing easier. Once you have mastered the basics, you move on to full manual control, and the **Turtle Mode** function shortens the time needed after the drone flips onto its back.



Up to 10 minutes in the air

The **intelligent battery** manages power in an organised way, allowing the flight to last **up to 10 minutes**. Built-in LED indicators and low-power warnings give a clear signal when it is time to end the session. It is a practical solution for people who want more time to practise turns, hovering and their first acrobatics.

Moc i spokój ducha

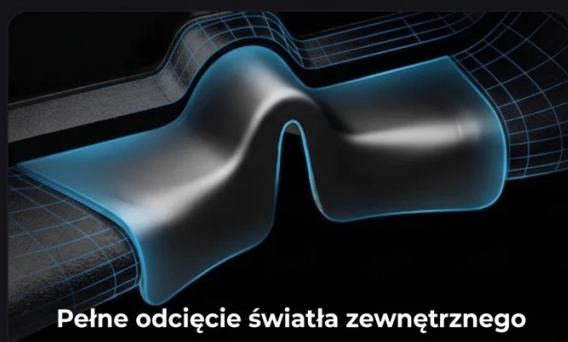
1100 mAh i 10 min lotu

Alarm niskiego poziomu baterii

Wskaźnik poziomu baterii

Durable construction and convenience

The **PA410** frame absorbs some of the impact energy, so the drone copes better with typical beginner mistakes and corrected landings. The **VR04** goggles have a design that is friendly to people wearing glasses, and one-button recording shortens operation during flight. The whole kit is focused on helping you learn faster, without unnecessary breaks and without extra assembly.



Pełne odcięcie światła zewnętrznego



Miękka wyściółka PU klasy premium i ergonomiczny kształt



Duża komora wewnętrzna (144mm x 54mm)
Można używać z okularami

Package contents

- 1 * Aquila20 HD Whoop brushless quadcopter
- 1 * LiteRadio 4 SE radio transmitter
- 1 * VR04 HD FPV goggles
- 2 * Exclusive Aquila20 2S HV 1100mAh battery
- 2 * 18650 2600mAh battery*
- 1 * 2S HV battery charger and voltage tester with BT3.0 connector
- 1 * Gemfan 2218 3-blade propellers (4 pieces)

- 1 * USB-C cable
- 1 * Propeller removal tool
- 1 * Phillips screwdriver
- 1 * 4Pin adapter cable
- 1 * USB Type-C adapter board
- 1 * Portable storage bag
- 1 * User manual



Aquila20 HD vs. Aquila20 Analog

Parameter	Aquila20 HD FPV Kit	Aquila20 FPV Kit
Goggles	VR04 HD FPV Goggles	VR04 FPV Goggles
Camera	P1 VTX camera (1/2.9" CMOS)	C04 (1/3" CMOS)
VTX (video transmitter)	P1 HD VTX	Aquila20 analog VTX
VTX power and range	200mW and range over 400m	350mW and range over 200m
Wheelbase	100mm	
Flight controller (FC)	Aquila20 V1.0	
Controller (radio transmitter)	LiteRadio 4 SE Radio Transmitter	
Battery	Aquila20 Exclusive Battery 2S HV 1100mAh	
Charger	2S HV Battery Charger and Voltage Tester with BT3.0 Connector	
Propellers	Gemfan 2218 3-Blade Propellers	
Motors	1103 10500KV motors	
Controller protocol	ExpressLRS 2.4G V3	
Camera tilt	10°-30°	
Flight modes	N/S/M modes (Normal/Sport/Manual)	
Flight time	About 10 minutes	
Take-off weight	127±1.0g	122±1.0g