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Link do produktu: https://www.nobshop.pl/hdzero-aio15-2s3s-digital-aio-fc-esc-15a-vtx-200mw-elrs-2-4ghz-p-4853.html



HDZero AIO15 – 2S/3S Digital AIO FC + ESC 15A + VTX 200mW + ELRS 2,4GHz

Cena brutto	**545,99 zł**
Cena netto	**443,89 zł**
Dostępność	**Dostępny**
Czas wysyłki	**1 - 3 dni**
Producent	**HDZero**

Opis produktu

HDZero AIO15 – 2S/3S Digital AIO FC + ESC 15A + VTX 200mW + ELRS 2,4GHz

The **HDZero AIO15** is the world’s first all-in-one (AIO) digital FPV flight system designed specifically for **2S–3S tiny whoops and micro freestyle builds**. It combines everything you need—flight controller, digital video transmitter, ESC, receiver, and BEC - into a compact, ultra-lightweight 31.3x31.3mm board.

With an integrated **15A 4-in-1 ESC**, the AIO15 supports higher-current motors and 2 - 3S batteries, enabling powerful sub-33.4g builds without compromising video quality or responsiveness. Whether you're building your own freestyle whoop or flying a ready-to-go platform like the M8 Freestyle HD, AIO15 delivers the performance micro pilots have been waiting for.

Designed in Response to Pilot Feedback

The **AIO15** solves this with:

- **15A ESCs (18A peak)**
- **2S-3S battery support**

Now you can fly harder, faster, and longer with the digital clarity and ultra-low latency HDZero is known for.

Key Features

- **Integrated HDZero 5.8GHz Digital VTX**
  - Output Power: 25mW / 200mW
  - Channels: R1- R8, F2/F4, L1 - L8
  - U.FL connector with included ultra-light linear antenna
- **Built-in Serial ExpressLRS 2.4GHz Receiver**
  - Packet rates: 50 - 1000Hz (50/100/150/250/333/500/D250/D500/F500/F1000Hz)
  - Pre-soldered enamel wire antenna
- **Flight Controller**
  - MCU: STM32G473 @170MHz, 512K Flash
  - Gyro: ICM42688
  - Onboard voltage and current sensing
  - Firmware target: HDZERO_AIO15
- **4-in-1 15A ESC**
  - MCU: EFM8BB21
  - Current: 15Ax4 continuous, 18Ax4 peak (3s)
  - BlueJay firmware (Z_H_30_48_v0.19.2)
  - DShot600 ready
- **5V BEC**
  - 5V @ 1A output for accessories and camera

Specifications

- **Battery Input**: 2S–3S (3.5V–13V)
- **Mounting**: 25.5x25.5mm M2
- **Board Dimensions**: 31.3x31.3mm
- **Weight**: 7.2g (with motor plugs)
- **Compatibility**: Fits popular whoop frames

Applications

Perfect for:

- 80mm freestyle whoops
- Lightweight micro drones
- Pilots seeking minimal weight with maximum performance
- Builders upgrading from the AIO5

Included

- 1x HDZero AIO15 board
- 1x Power cable with xt30 connector
- 4x screws
- 4x rubber grommets
- 1x ultra-lite linear VTX antenna
- 1x Adapter board
- 1x Adapter cable

Pliki do pobrania:

- HDZero-AIO15-User-Manual_v0.1.pdf