

Link do produktu: <https://www.nobshop.pl/dron-happymodel-mobula-8-digital-hd-elrs-p-4080.html>

Dron Happymodel Mobula 8 Digital HD ELRS



Cena brutto	559,99 zł
Cena netto	455,28 zł
Dostępność	Aktualnie niedostępny
Czas wysyłki	1 - 3 dni
Producent	HappyModel

Opis produktu

Dron Happymodel Mobula 8 Digital HD ELRS

Mobula8 w wersji cyfrowej to jeden z najmniejszych modeli dronów FPV z obrazem cyfrowym. Mobula8 to rewelacyjny dron będący zwieńczeniem całej serii modeli Mobula powstałych na przestrzeni kilku lat. Dzięki temu Mobula8 HD to niezwykle wytrzymała konstrukcja o świetnych właściwościach lotnych. Mimo niepozornego wyglądu posiada zaawansowaną elektronikę o wręcz niesamowitych jak na swój rozmiar osiągnięciach. Mobula8 HD to model whoopa z kilkoma nadajnikami VTX do wyboru. Każdy model posiada wbudowany odbiornik ELRS.

Spare parts specifications:

Motor

Mode: EX1103 KV11000
 Configu-ration:9N12P
 Stator Diamter:11mm
 Stator Length:3mm
 Shaft Diameter:Φ1.5mm
 Motor Dimension(Dia.*Len):Φ13.5mm*15.5mm

Propellers

Weight(g):3.8g
 No.of Cells(Lipo):1-2S
 Weight:0.88g
 Material: PC
 Pitch:2.3inch
 Props Dia:52.17mm
 Center Thickness:5mm
 Center Hole Dia:1.5mm

Flight controller

MCU: STM32F405RGT6 (168MHZ, 1Mbyte FLASH)
 GYRO Sensor: BMI270 (SPI connection)
 Mount hole size: 25.5mm*25.5mm
 Power supply: 1-2S battery input (DC 2.9V-8.7V)
 Built-in 12A(each) Blheli_S 4in1 ESC
 Built-in Serial ExpressLRS 2.4G
 Built-in BMP280 Barometer
 Built-in 8MBp blackbox

Onboard 4in1 ESC

Built-in voltage meter sensor , voltage meter scale 110
 Built-in current meter sensor , current meter scale 470
 Power supply: 1-2S LiPo/LiPo HV
 Current: 12A continuous peak 15A (3 seconds)
 Support BLHeli_S Bluejay firmware
 Factory firmware: Bluejay ESC V0.19
 Firmware target: Z-H-30

**Onboard UART
ExpressLRS 2.4GHz
Receiver**

Default protocol: DSHOT300
When use 1s battery and high KV 0702/0802 motors, should set startup power
1100/1200

Packet Rate option: 25Hz/50Hz/150Hz/250Hz/500Hz
RF Frequency: 2.4GHz

Antenna: enameled copper wire 31mm length
Telemetry output Power: <12dBm

Default firmware version: ExpressLRS V3.0.1

Firmware target: HappyModel EP 2400 RX

Could update firmware via ExpressLRS configurator

DJI O3 Air Unit

Works with DJI FPV Goggles V2, DJI Goggles 2, and DJI FPV Remote Controller

D-Cinelike mode for Vivid Colors

Flagship O3+ Video Streaming

Customizable Canvas Mode

155° Super-Wide FOV

1/1.7-Inch Sensor

Compact in Size

Walksnail version

Camera

Model Avatar lite camera

Image Sensor 1/2.7"1inch

Resolution 1080P/60fps,720P/120fps,720P/60fps

Ratio 16/9 4/3

Lens 2.1mm

FOV 170°

Aperture F2.0

Shutter Rolling Rolling shutter

Min.Illumination 0.001Lux

Weight 1.8g

Dimensions 14*14*16mm

VTX

Model Avatar mini 1s module

Communication Frequency 5.725-5.850GHz

Transmitter Power (EIRP) FCC:<25.5dBm;CE:<14dBm;SRRC:<20dBm;
MIC:<25dBm

I/O Interface JST1.0*6(Power in)JST0.8*4(USB)

Mounting Holes 25.5*25.5mm

Dimensions 30*30*6.5mm

Storage 8G

Recording 1080p/720p

Weight 5.1g

Operating Temperature -20-40°C

Channels 8

Wide Power Input 3.1V-5V

Supported FC System Betaflight

OSD Canvas mode

Bitrate 25Mbps 50Mbps

Latency Average delay 22ms

Antenna IPEX

HDZERO Version

HDZero Nano Lite Camera

14x16x11 mm

1.5gram

0.5 inch, up to 10650 mV/Lux-sec ultra-high sensitive CMOS sensor

Excellent low light performance

Fov:

4:3: D:130° H:108° v:84°

16:9:D:122° H:108° V:65°

HDZero Whoop Lite VTX

1-3S Input
25mW/200mW RF Output-SmartAudio Support
25.5×25.5 M2 Soft Mounting- Antenna Retention
Removable Shielding Box- 32.5×32.5mm(29×29mm inner)
4.5grams/4mm Thickness (without shielding)

Produkt posiada dodatkowe opcje:

System wizji: HDzero , O3+ , PNP , Walksnail Avatar HD