

FOVA X8 Thermal Mini Unmanned Aerial Takeoff Weight 1025g ,Max.Flight Time 47 Min ,Wheelbase 372 Mm ,Max.Flight Speed 18 M/s

Basic Information

- Brand Name: FOVA
- Certification: ROHS
- Model Number: FOVA X8 Thermal
- Minimum Order Quantity: 22
- Price: 1-10pcs ¥24,000; 11-100pcs ¥21,600; 101-1000pcs¥19,200; >1000pcs ¥16,000
- Delivery Time: 25 DAYS
- Payment Terms: T/T,L/C
- Supply Ability: 10000pcs



Product Specification

- Highlight: 1025g Unmanned Aerial,
Max.Flight Time 47 min Unmanned Aerial,
Mini Unmanned Aerial



Product Description

FOVA X8 Thermal Mini Unmanned Aerial Vehicle



- I Takeoff Weight 1025g
- I Max.Flight Time 47 min
- I Wheelbase 372 mm
- I Max.Flight Speed 18 m/s

Aircraft

Folding Body Size	204*106*72.6 mm (Without paddle)
Expanded Body Size	242*334*72.6 mm (Without paddle)
Bare Weight	855 g
Take-off Weight	1205 g
Wheelbase	372 mm
Max. Ascent Speed	5 m/s
Max. Descent Speed	4 m/s
Max. Flight Speed	18 m/s
Max. Takeoff Altitude	<6000 m
Max. Flight Time	47 min
Max. Range	33km
Max. Wind Rating	Level 7
Operating Temperature	-10~40°C
GNSS	GPS+GLONASS+BeiDou+Galileo
Expansion Joint	12-PIN Data Connector (Female)
Hovering Accuracy	Vertically ±0.1 m / +0.5 m, Horizontal ±0.3 m / ±0.5 m

Wide Angle Camera

Image Sensors	Digital Zoom	1/2-inch CMOS, 48 megapixels
Digital Zoom		1~5X
Camera Lens		FOV 79°
Aperture		F/1.6
Camera Focus		4.71 mm
Equivalent Focal Length		24 mm
Depth		1 m to infinity
ISO Scope		Video 100-26500, photos 100-6400
Shutter Speed		1/8000 sec. to 2 sec
Effective Pixel		48 million
Max. Image Size		8064*6048
Max. Video Resolution		3840*2160@30fps
Video Max. Bitrate		100 Mbps
Video Format		MP4
Image Format		JPEG / DNG

Infrared Thermal Imaging Sensor

Pixel pitch	12 microns
Video Resolution	640*480@30fps
Focal length	19mm
Equivalent Focal Length	80 mm
DFOV	30.7°
Aperture	F11
Focusing Distance	5 m to infinity
Palette	White Heat / Black Heat / Jungle / Iron Red / Rainbow / Aurora Borealis / Shimmer / Glow Gold / Red Heat / Medical / Gold Red

Long Focus Camera

Image Sensors	1/2.5-inch CMOS
Digital Zoom	5-30X
Camera Lens	FOV 21.5°
Aperture	F/3.0
Camera Focus	14.46 mm
Equivalent Focal Length	120 mm
Depth	10 m to infinity
Effective Pixel	12 million
ISO Scope	Video 100-6400, photos 100-6400
Shutter Speed	1/8000 sec. to 2 sec.
Max. Image Size	4000*3000
Max. Video Resolution	3840*2160@30fps
Video Max. Bitrate	100 Mbps

Video Format	MP4
Image Format	JPEG / DNG
File System	FAT32 / exFAT
Long Life Edition Smart Battery	
Capacity	5000 mAh≈333 g
Weights	14.4 V
Rated Voltage	16.8 V
Charge Limit Voltage	Li-ion 4S
Battery Type	72wh
Energy	0~40°C
Charging EnvironmentTemperature	5000 mAh≈333 g
Payload	
Three-axis Structure Range	-115°~40° (Pitch),-40°~40° (Roll) -40°~40° (Heading)
Rotation Range	10°~-90° (Pitch)
Angular Momentum Range	±0.005°



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