



JADGER X8 Tele Max

(Mini Unmanned Aerial Vehicle)

Dual SONY main camera drone supports 30x hybrid zoom, which can still clearly capture the details of people and scenery even from 2km away. Equipped with a native 48-megapixel camera, it supports Ultra HD 4K/60fps video recording, bringing a more stunning aerial photography experience. Its SoLink real-time HD digital mapping technology, with a transmission distance of up to 20 kilometers, together with the AI Super Night View function, not only ensures the stability of the mapping image, but also captures pure and translucent images in low-light environments.

Aircraft ▣

Fuselage size: folded (without paddle) 204*106*72.6mm

Expanded (without propeller) 242*334*72.6mm

Take-off weight: about 832g

Wheelbase: 372mm

Max. ascending speed: 5m/s

Max. descent speed: 3.5m/s

Max. flight speed: 18m/s

Max. take-off altitude: ≤5000m

Max. hovering time: 29 minutes

Max. flight time: 47 minutes

Max. tilt angle: 35 degrees

Max. tolerable wind speed: 12m/s

Operating ambient temperature: 0~40°C

Satellite positioning: BeiDou/GPS/GLONASS/Galileo

Hovering Accuracy: Vertical 0.1m (when visual positioning is working normally), 0.5m (when visual positioning is working normally);

Horizontal earth 0.3m (when visual positioning is working normally), 0.5m (when visual positioning is working normally)

Expansion port: 12-PIN data interface (female)

Features ▣

- Wide angle telephoto dual primes 30X hybrid zoom
- 4K/60fps Video
- RokLink 5.0 20KM Mapping
- AI Super Night View

- 48MP Photo 8K time-lapse photography
- High Density Smart Battery
- Intelligent Flight
- Support shouting and throwing

Camera parameters

Wide-angle camera

Image sensor: 1/2-inch CMOS
Digital zoom: 1 to 5x
Lens: FOV 79°
Aperture: F/1.6
Camera focal length: 4.71mm
Equivalent focal length: 24mm
Depth of field: 1m to infinity
ISO range: Video 100-26500, Photo 100-6400
Shutter speed: 1/8000 sec. to 2 sec.
Effective pixels: 48 million
Max. photo size: 8064*6048
Video max. Resolution: 3840*2160@60/30/25/24fps
Video max. Bitrate: 100Mbps
Video format: MP4
Image format: JPEG/DNG
File System: FAT32/exFAT

Long focus camera

Image Sensor: 1/2.5-inch CMOS
Digital zoom: 5-30x
Lens: FOV 21.5°
Aperture: F/3.0
Equivalent focal Length: 120mm
Camera focal length: 14.46mm
Equivalent focal length: 120mm
Depth of field: 10m to infinity
Effective pixels: 13 million
ISO range: Video 100-6400, Photo 100-6400
Shutter speed: 1/8000 sec. to 2 sec.
Max. photo size: 4000*3000
Max. video resolution: 3840*2160@30/25/24fps
Video max. Bitrate: 100Mbps
Video format: MP4
Image format: JPEG/DNG
File System: FAT32/exFAT

Remote control parameters

Product weight: about 373g
Product size: 204*91*47mm
Min. delay time: about 120ms
Operating frequency Band: 2.4000GHz to 2.4835GHz
Maximum battery life: 8 hours (without charging mobile device); 4 hours (with charging mobile device)
Battery type: Li-ion
Battery capacity: 3900mAh
Nominal voltage: 3.7V
Input: 5V=2A
Operating temperature: 0~40°C
Charging temperature: 5~40°C
Supported mobile device interface types: Lightning USB-C, Micro-USB
Max. effective signal distance (no interference, no obstruction) FCC: about 20 kilometers (the above data measured in the open outdoor environment without interference, is the farthest communication distance under the standards of one-way non-return flight, please pay attention to the App's return to the prompts during the actual flight)

Gimbal

Three-axis mechanical head structure design range: $-115^{\circ} \sim 40^{\circ}$ (pitch), $-40^{\circ} \sim 40^{\circ}$ (roll), $-40^{\circ} \sim 40^{\circ}$ (yaw)
Controllable rotation range: $10^{\circ} \sim -90^{\circ}$ (pitch)
Angular momentum range: $\pm 0.005^{\circ}$

Long life smart battery

Capacity: 5000 mAh
Weight: about 333g
Nominal voltage: 14.4V
Charge Limit Voltage: 16.8V
Battery type: Li-ion 4S
Energy: 72wh
Charging ambient temperature: $0 \sim 40^{\circ}\text{C}$

Chargers

Input: 100 V to 240 V (AC), 50 Hz to 60 Hz.1.5A
Output: USB-C (5V@3A, 9V@3A, 12V@3A,
15V@3A, 20V@2.25A)
Power Rating: 45W

Battery pack

Input USB-C: 5V~ 20V
Output (charging) battery interface: 13.05V~ 17.6V
Fast charging protocol: Support PD, QC3.0
Operating temperature: $5 \sim 40^{\circ}\text{C}$