

Designed for City Mapping

SHARE 202S PRO V2

225 Million Pixels Oblique Camera







New Level Professional Aerial Mapping

5-views with 45 mega pixels self-developed image module, over 225 million total pixels, a new imagination for aerial surveying.



The Camera for Large Scale City Projects

SHARE 202S PRO, with a full-frame sensor, can fly up to 272m at 3cm ground resolution.



Shutter	1/500	✓
WB	Auto	✓
Color Mode	Standard	✓
ISO	50-200	✓
Burst Mode	Flight Controller	✓
Gimbal Pitching Angle	Scope: -120~45	-90
Photo interval/distance	unit:ms/m	0
Start Fixed ISO	<input type="checkbox"/>	
Fixed ISO	unit:ms/m	0

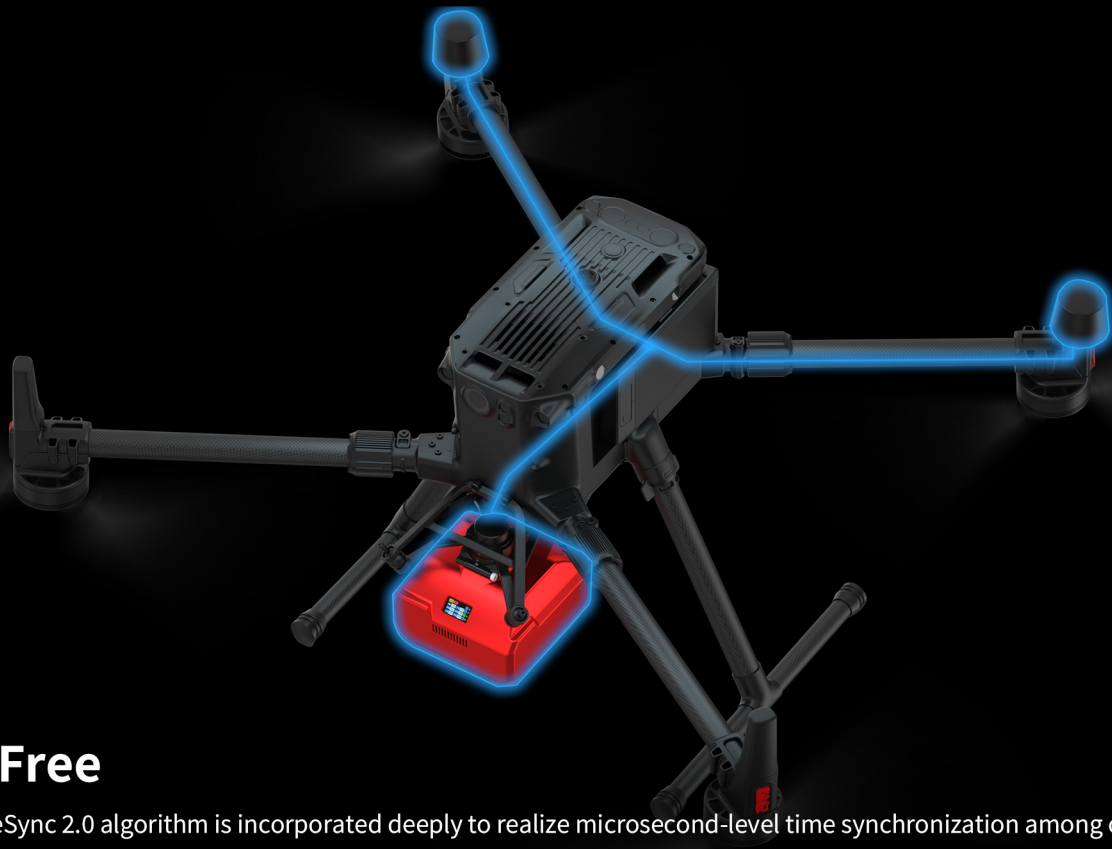
Adjustable Parameters

Adjustable shutter, ISO, white balance and colour mode, allowing users to adjust the camera parameters according to the operating scenario, extending the daily working time to 9 hours.



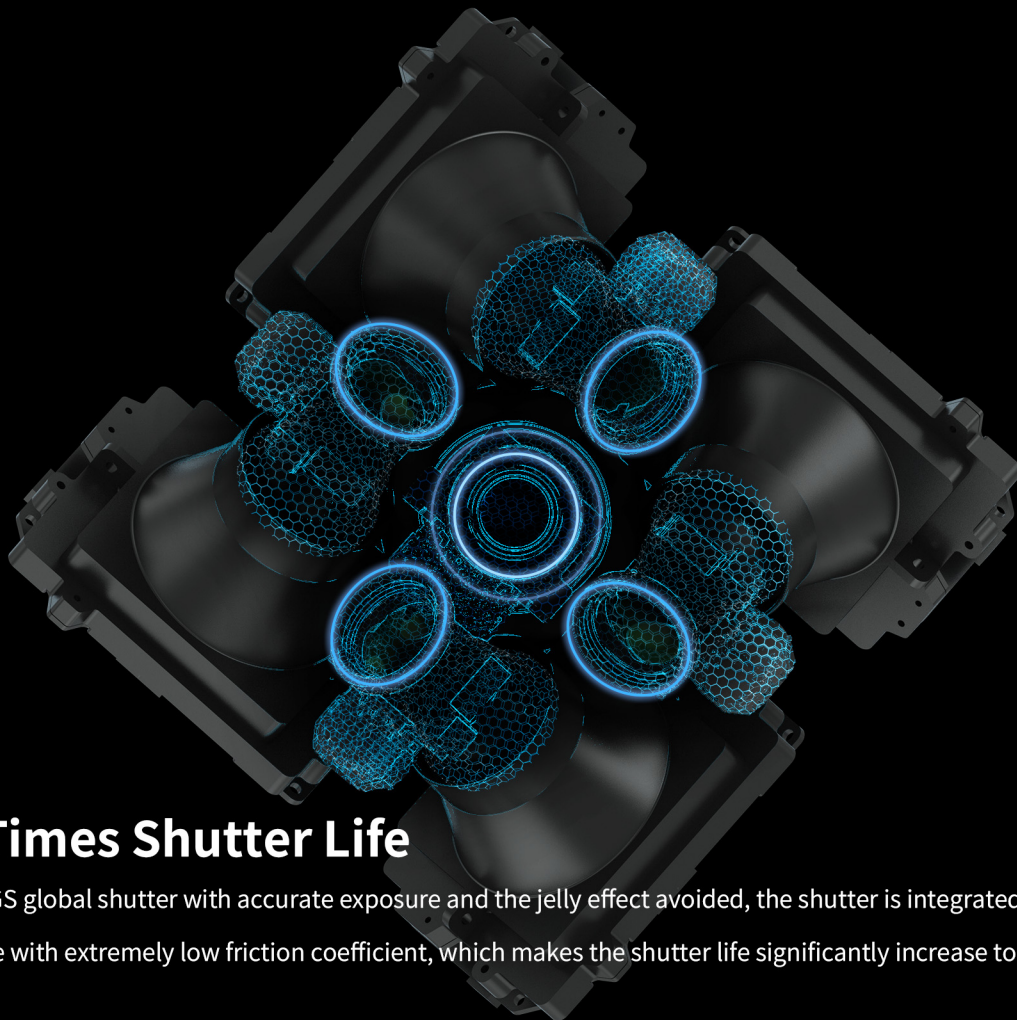
Support Fixed-wing Operation

Standard with DJI Skyport interface and universal interface, the camera can be deeply adapted to fixed-wing models, supporting the secondary development of serial communication, camera parameter setting, image transmission, Gcps free and all the other functions.



GCPs Free

Mature TimeSync 2.0 algorithm is incorporated deeply to realize microsecond-level time synchronization among camera, drone, RTK and the flight control, achieving POS data written into photos directly, which allows model reconstruction without pre-processing.



500K Times Shutter Life

Upgraded S-GS global shutter with accurate exposure and the jelly effect avoided, the shutter is integrated with KIMOTO shading blade with extremely low friction coefficient, which makes the shutter life significantly increase to 500,000 times.



1080P Dynamic Image Transmission

The vertical camera supports real-time dynamic image transmission with automatic adjustment according to the operating distance to ensure the transmission signal is always online. Meanwhile, it makes up for the vacancy of drones' vertical obstacle avoidance and can monitor the risk of landing terrain.



Copying Speed Reaches 600M/S

The standard 1280GB storage module with hot-pluggable function could carry all-day operation. The data copy speed is upgraded to 600M/S, making data collection more efficient.



Standard Angle Compensator

When using with rotorcraft, the angle compensator can be adjusted according to the airspeed to ensure the camera is always vertical to the ground, supporting maximum airspeed at 15 m/s.

PRODUCT PARAMETERS

Size	130*130*129.5mm
Weight	886
IP Rate	IP5X
Compatible Platform	DJI M300 RTK、 Other multi-rotor and fixed-wing UAVs
Power Supply	External Power supply with DC 12-50V
Interface	DJI Skyport interface & General interface
Effective Pixels	45 million (total 225 million pixels)
Sensor Size	Sensor size: 36×24mm(Full-frame); Pixel size: 4.4μm
Image Resolution	8192×5456px
Acquired Data	Images including GPS and camera parameter / POS file
Focal length	Fixed focus Side view:56mm Top-down view: 40mm
Tilt Angle	45 degree
ISO Option	50-200,50-400,50-640,50-800,50-1000,50-1600
Shutter Speed	1/500,1/640,1/800,1/1000,1/1250
Shutter Life	S-GS Global Shutter; Shutter warranty life 500,000 times
Aperture Size	Fix to F5.6
Storage	Removable storage module with capacity of 1280GB
Image Transmission	Dynamic bitstream HD down-view image transmission
Exposure Interval	≥0.9s
Parameter Adjustment	Support adjusting ISO, white balance ,color mode and shutter speed through DJI Pilot
Data Copying Speed	600MB/s
Operating Mode	Trigger by Flight Controller, Isometric photography, and Isochronous photography

SHARE

Exclusive Distributor:



OTG OnTheGo Limited
創 動 樂 有 限 公 司

Tel : +852 3727 8000
Website : www.OTG.com.hk
OTG Store : store.OTG.com.hk
E-mail : Solutions@OTG.com.hk

