SHARE | OnTheGo

Made for Urban 3D

SHARE 203S PRO

225 MP Five-lenses Oblique Camera

Exclusive Distributor:

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The first choice for urban high-drop scenes

SHARE 203S PRO has a flight height of 272 meters at the required 3 cm resolution for urban 3D projects, ensuring safety flight height for operations.

The high-efficiency choice for aerial survey of large urban areas

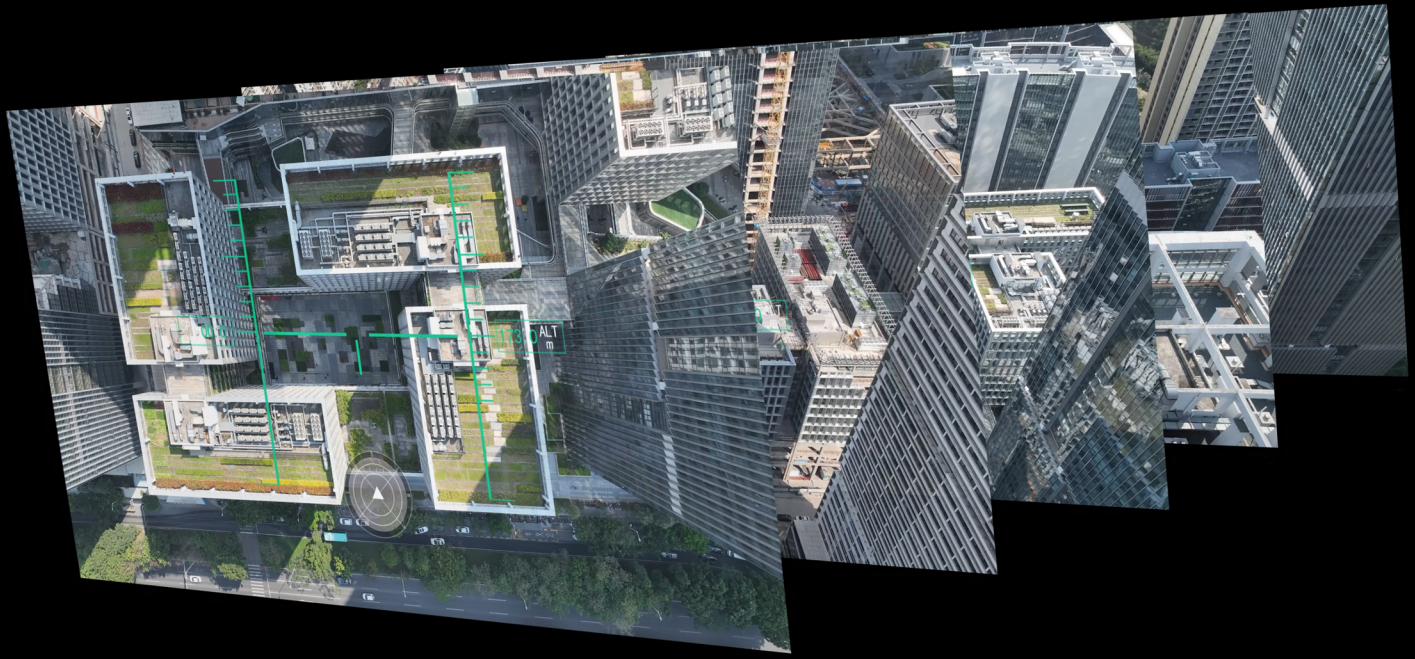
Equipped with aerial plug interface as standard, adaptable to fixed-wing to launch urban large-area data collection. The operating altitude is 454 meters, corresponding 5 cm ground resolution.

Three-axis gimbal support

SHARE UAV proficiency gimbal technology to maintain stability in pitch, roll and yaw. Operating at 15 m/s, the camera remains perpendicular to the ground.

Individual white balance calibration

The 5-view angles perform independent white balance calibration to ensure color accuracy and consistency of photos.



Switchable 5-view image transmission monitoring

Monitor the working status of the camera and switchable 5-view image transmission.

Automatically adjust the Bitstream based on the distance to ensure visual clarity.

Parameter Customization

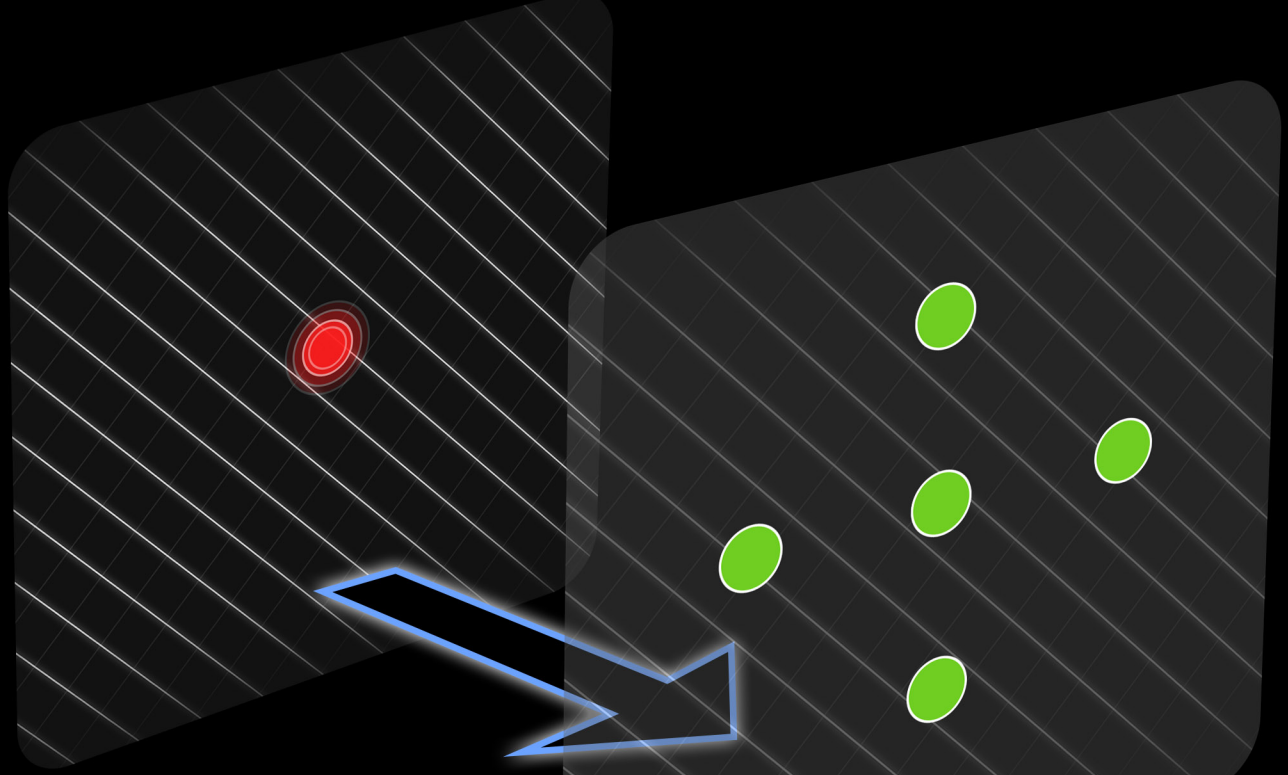
With the self-developed full-frame module, adjustable shutter speed, ISO, white balance, color mode through the pilot, WeChat applet, ground station, etc. Effectively extend the operating time and broaden the application scenarios.

TimeSync 2.0 Technique

TimeSync 2.0 time synchronization algorithm is incorporated deeply to realize microsecond-level time synchronization of flight control, single-view camera, gimbal and RTk, simultaneous trigger five cameras, instantly calculate high precision POS location and attitude information, greatly improving the precision of GCPs free.

Intelligent Flight Sortie Management

Each flight sortie data is stored independently. The photos are automatically arranged according to the sortie and perspective naming when collecting data. Data management is easier without the need to rename again.



Real-time offset calculation

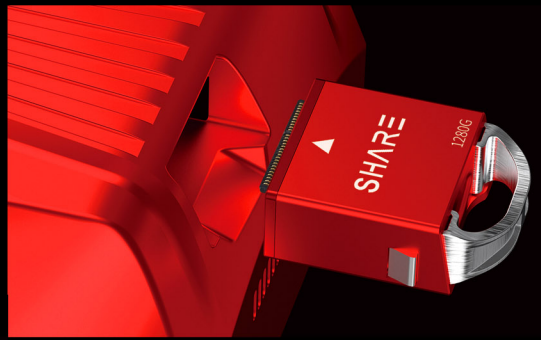
The camera is equipped with a built-in position pose offset algorithm, which accurately calculates the position pose to each view during operation and writes the photo in real-time. No post-processing is required.

600M/S Data Copying Speed

Users can read the data just by a type-c cable without connecting to the drone. The copying speed of 600 M/s makes the workflow more efficient.

1280G storage module

Large capacity to ensure long time operation and support hot-swapping

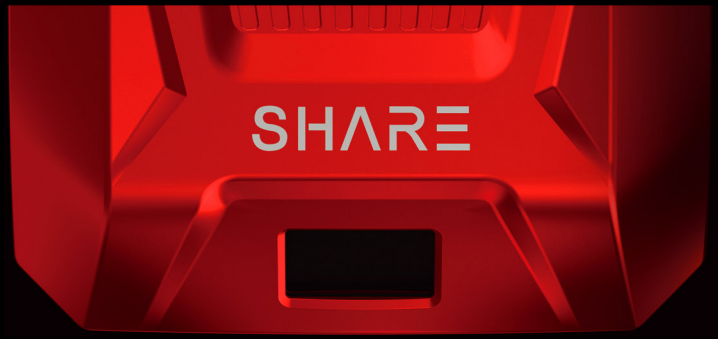


SHARE Color Screen

Checking Camera Status in Strong Light

CNC Camera Body

Rapid heat dissipation and impact-resistant lightweight aerospace aluminium alloy can meet most payload weight requirements of drones and improve operating time.



Size	130*130*99.5mm;182.5*203*194.6mm (with gimbal)
Weight	≈830g ≈1280g (with gimbal)
IP Grade	IP5X
Support UAV Models	DJIM300 RTKother fixed- wing and multi-rotor platform
Power Supply	External DC 12-50V
Camera Interface	DJI Skyport Interface &Common Interface
Effective Pixels	Single lens ⩾ 45 mp, total 225 mp
Sensor	Sensor Size：36*24mm(Full Frame);Pixel Size：4.4μm
Image Size	8192*5460px
Data Storage	Photo/POS file with GPS information and camera parameter information
Focal Lens	Oblique: 56mm, normal incidence: 40mm
Oblique Angle	45 Degree
ISO Range	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，1 million times shutter life
Aperture Size	Fixed F5.6
Storage Capacity	The data storage module is pluggable an d removable with 1280GB capacity
Image transmission	switchable 5-view image transmission
Parameter Adjustment	Support modifying ISO, white balance,color mode, shutter speed and other parameters; Support modifying the parameters by DJI Pilot
Data Copying	Copying data by data reading module, the copying speed can reach 600M/s
Operating Mode	Flight control trigger/isometric trigger /isochronous trigger
Stable System	3-axis gimbal (Pitch, roll, yaw)
Installation Method	Integrated quick-release interface
Gimbal Rotating Range	Pitch -120° -+45°;Roll：±25°; Yaw：±160°

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