

SHARE



# Compact and Powerful SHARE 6100X

Full Frame Single Lens Aerial Camera

Exclusive Distributor:



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## Realize the strength of lightweight

Combined with one-piece formed aircraft aluminum alloy and SHAR's self-developed image module, the camera's minimum weight reaches 280g.



## Professional mapping Lens

Multiple LD low dispersion lenses, multi-layer enhanced nano-coating, which filters the reflected light from the aerial view, to ensure stable aerial film quality and transparent imaging.

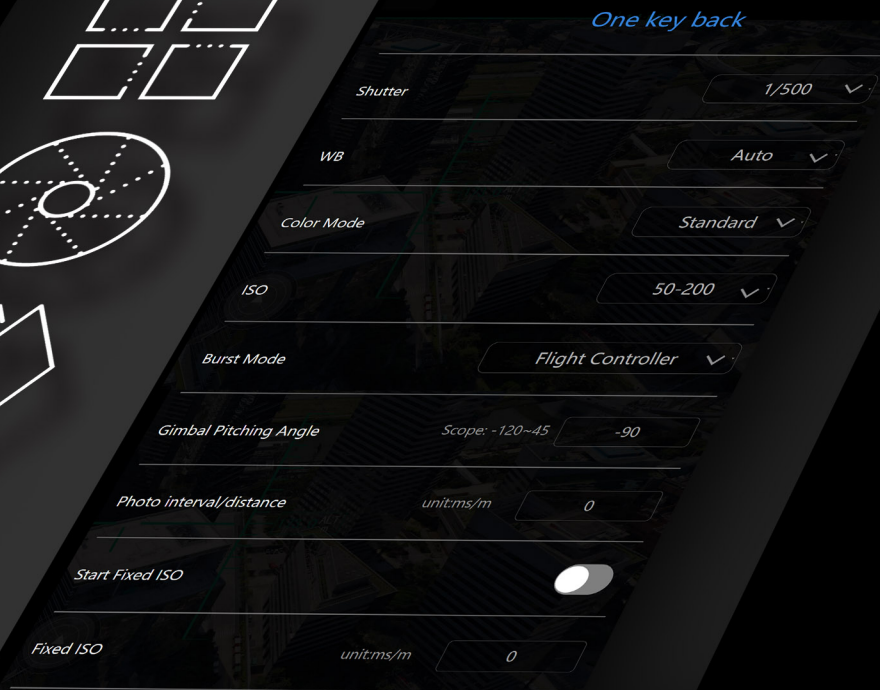




500,000

## Lightweight between-lens shutter

The shutter is made of Kimoto, which has an extremely low coefficient of friction and a steadily increasing life span of 500,000 times while reducing the jelly effect.



## Adjustable parameters

The self-developed module provides parameter adjustment function, users can adjust the camera shutter, ISO, white balance and color mode according to the operation scenario.





## GCP-Free modeling

Mature TIMESYNC 2.0 technology, microsecond time synchronization among the camera, gimbal, flight control and RTK, achieves GCP-Free operation.



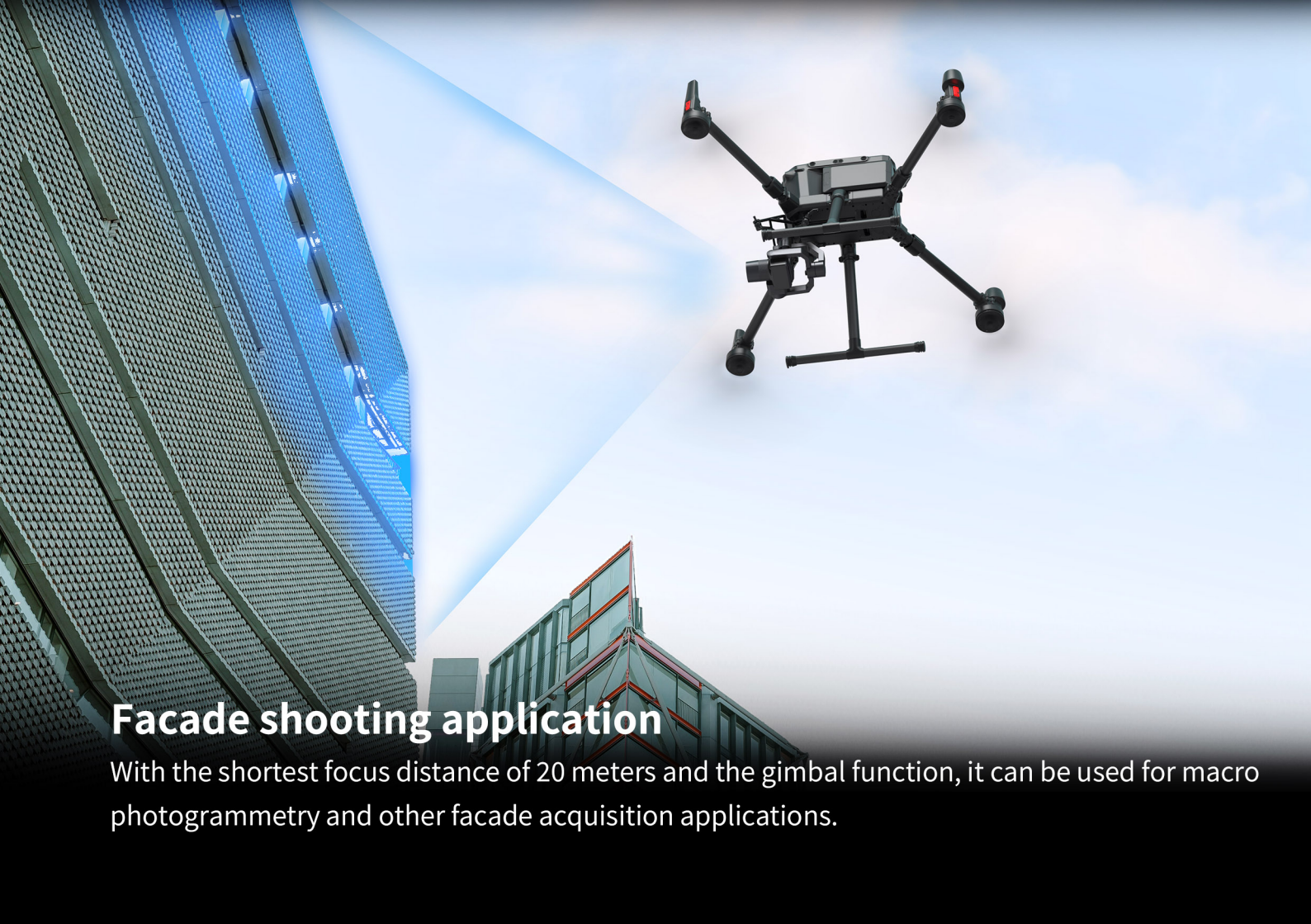
## Real-time dynamic transmission

1080P HD dynamic stream map transmission, which could automatically adjust the code stream according to the transmission distance all the time, to enhance flight stability.



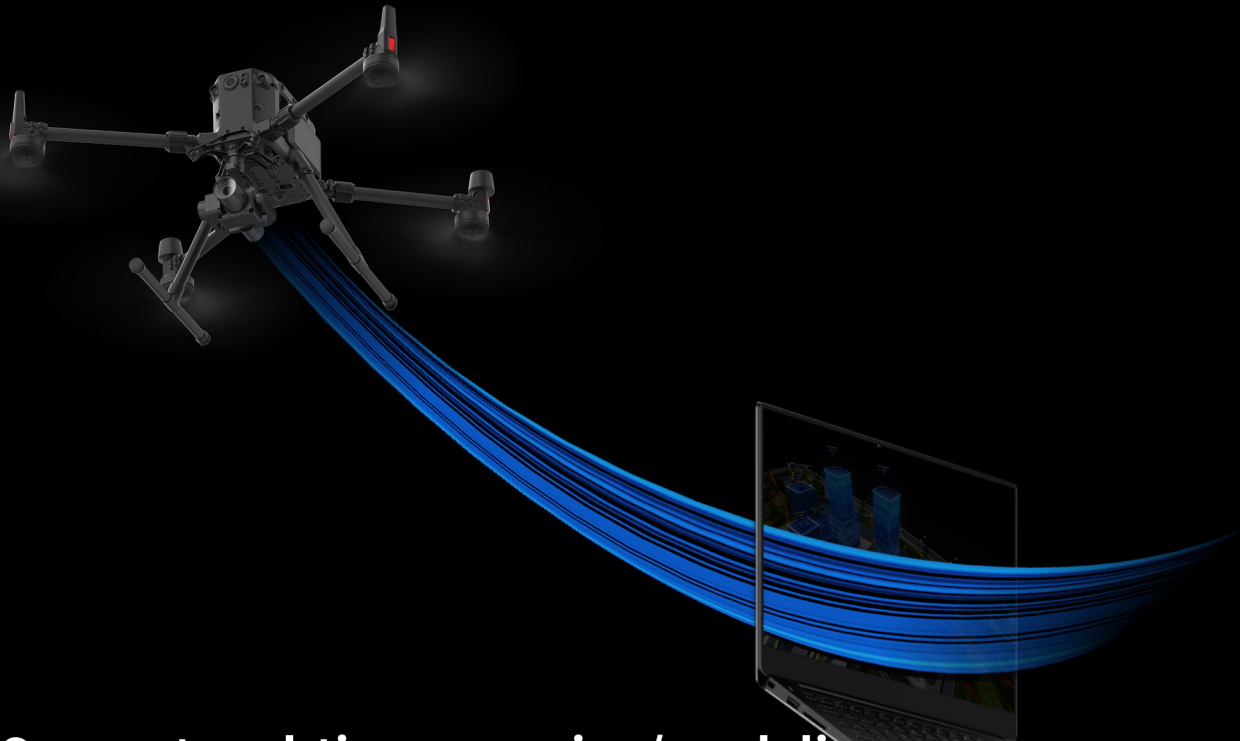
## **Top-mounted Gimbal**

With DJI Matrice M300 RTK top-mounted gimbal, it can work for special inspection applications like bridge, construction etc.



## **Facade shooting application**

With the shortest focus distance of 20 meters and the gimbal function, it can be used for macro photogrammetry and other facade acquisition applications.



## **Support real-time mapping/modeling**

Combined with the external data transmission module, the aerial photos can be sent back to the ground station for real-time modeling, providing strong terrain data for emergency projects.



## **Compatible with various mounting platforms**

Standard configuration of DJI X-PORT gimbal and J30J 21P universal port reserved for fixed-wing and other drones with all functions remained.

# Camera parameters

Size	75.5*60*107.5mm (without gimbal) ; 128.5*181.5*153.3mm (with gimbal)
NW.	≈280g (without gimbal) ≈640g(with gimbal)
IP rate	IP53
Compatible Platform	DJI M300 RTK、DJI M300 、 Other Multi-rotor and fixed-wing UAVs
Power Supply	External Power supply with DC 12-50V
Interface	Gimbal interface & General interface
Effective Pixels	61million pixels
Sensor Size	Sensor size: 36*24mm(Full format)
Pixel size	3.76μm
Image Resolution	(3:2) 9552*6368px
Storage Capacity	512GB
GPS Capacity	8G
Parameter Adjustment	DJI Pilot
Image Transmission	Dynamic bitstream HD five-lens image transmission
Focal length	Standard: 40mm; Customizable : 56mm
Aperture Size	F5.6
Shooting Distance	≥20m
Video Size	[4K(3840×2160)],30fps
Stabilization	3-axis (Pitch Yaw Roll)
Movement Range	Pitching: -130°to +40°; Yawing: ±320°; Rolling: ±55°

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