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SHARE 102S PRO

Sensor

BY

KAMBILL SYSTEMS PVT. LTD.





ABOUT THE PRODUCT

The 102S are highly accurate and efficient drone payloads for 3D Surveying. The 102S five-lens aerial oblique camera is specially designed to eliminate the need of GCPs during surveying and mapping. The drone camera seamlessly integrates to DJI Matrice 300 RTK through SkyPort. Using a CNC designed housing, the 102S has a better heat dissipation, a smaller wind resistance coefficient and a stronger structure which is more adequate for aerial survey flight.

APPLICATIONS



**SURVEYING AND
MAPPING**



**URBAN
PLANNING**



FORESTRY

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FEATURES

TIME SAVING



Standard SkyPort interface, no redundant accessories, three-second installation; highly compatible with DJI industry applications, Pilot integrated parameter settings, simple and clear interface, real-time adjustment of parameters, focus on aviation, and improve operational efficiency.

REAL-TIME IMAGE



Standard nadir-view transmission, shuttle in tall buildings to provide real-time monitoring, reduce the risk when flying. Clear image transmission with Pilot altitude position information, in emergency landing, terrain selection at a glance.

PROFESSIONAL LENS



Equipped with a standard nadir 25mm, tilted 35mm special lens for surveying and mapping, imaging is clearly restored, and the wide-angle field of view is fully covered; The overlap rate is high and the coverage is wide; The images are clear and comprehensive.



Parameter

Camera

QTY of Lens	5 pcs
Focal Length	35 mm
Effective Pixels	24.3MP,total pixels ≥ 120MP
Sensor Size	APS-C (23.5mm x 15.6mm)
Pixel Size	6000 x 4000
Lens Angle	45 degree
Exposure Interval	≥ 0.8 s
Storage	1280 GB
Power Supply	SkyPort / J30J-15
Power On / Off	Auto On / Off

General

Operating Temperature	-10°C ~ 50°C
Humidity	95%
Size	140 x 140 x 80 mm
Weight	≤ 650 g