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SHARE 102S PRO V2

Sensor

BY

KAMBILL SYSTEMS PVT. LTD.





ABOUT THE PRODUCT

The Share UAV 1025 Pro V2 is designed to dock seamlessly with the DJI M300, the Share UAV 102S is used for conducting urban photogrammetry missions. Each of the five cameras has a focal length of 35 mm with a combined effective resolution of 120MP.

APPLICATIONS



RIVER
MANAGEMENT



CONSTRUCTION
SITES



MINING AREA

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FEATURES



HD TFT DISPLAY

The TFT display screen shows real time working status, including camera temperature, RTK status, triggering quantity, etc, even during strong light.



1080P HD IMAGE TRANSMISSION

Dynamic bitstream image transmission technology can adjust the image transmission bandwidth according to the operation flight distance, ensuring the stability and clarity of image transmission.



HIGH PRECISION , GCP FREE

Accurately reading POS information of the UAV at microsecond level , achieving 1:500 accuracy requirement and reaching GCP Free.



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SHARE 102 S PRO V 2 Specifications		
Camera options	Power supply	12~48V DC
	Power On/Off	Automatic on/off
	Data transfer	Type C cable
	Data store	1280 GB
		Single lens: 24MP (total 120MP)
	Effective pixels	
	Sensor size	APS-C (23.5*15.6mm)
	Pixel size	3.91 microns.
	Image Resolution	3:2 (6000×4000)
	Lens tilt angle	45°
	Number of lenses	5 pieces.
	Focal length	Nadir: 25mm, Slant: 35mm
	Maximum frame rate, (sec)	0.6
	Operating mode	Triggered by external signal
terms of Use	Working temperature	-10 ⁰ C +40 ⁰ C
	Humidity	≤95%
Common parameters	Dimensions (mm)	150 × 150 × 115
	Weight	≈880 g