



SHARE | 

Extended Vision, Immersive Reality

SHARE 100M PRO

102 MP Medium Format Camera for Aerial Surveying

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









**100M
PRO**

Superior Performance Make the Most of Every Flight

Equipped with a medium format sensor of 43.8×32.9 mm, covering 1.7 times larger range than 35mm full-frame format.

Images collected keeps a high level of color fidelity and reveal more details in highlights and shadows.

Back-illuminated CMOS makes no compromise on the light-reaching color filter array, which helps to generate a better-performance image.



Solid Foundation for Digital Twin Construction

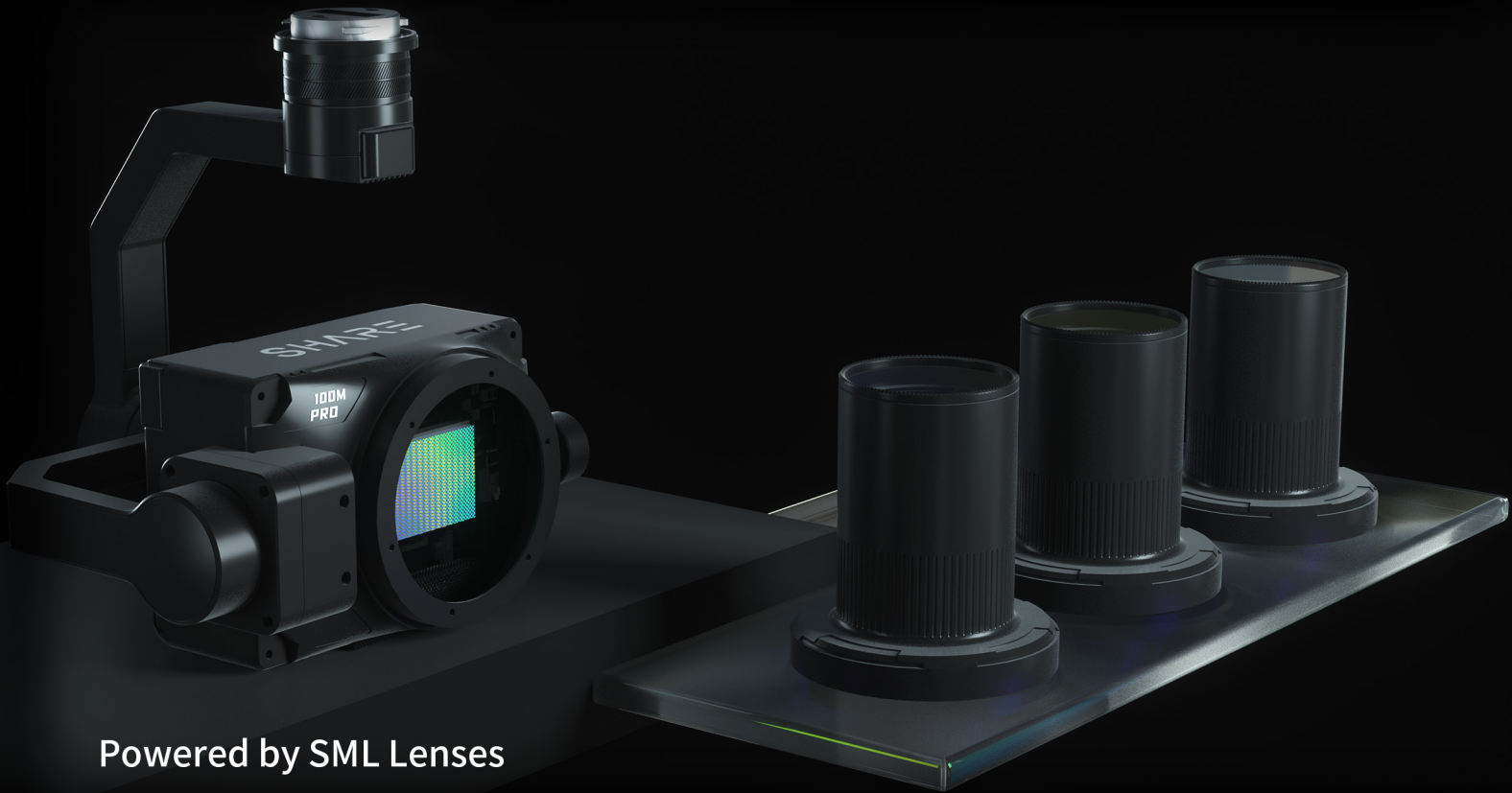
Millimeter-Level 3D Modeling

Image performance of medium format sensor brings image quality, color reproduction, and resolution to the next level. A firm fundamental to construct high quality digital asset, embracing more vivid details in realistic 3D modelling.



Revolutionary Seamless Aerial Surveying Workflow

In the same GSD requirement, 100M allows missions from a safer distance with the land coverage increased by 120% compared with the traditional full frame orthographic surveying camera.



Powered by SML Lenses

Optional Lenses of 50mm, 70mm, 75mm Are Available

SHARE S-ML lens is designed for professional aerial surveying with the leading optical technology, stable and wide FOV.

Three lenses are assembled by multi-aspherical lenses with distortion parameter smaller than 0.15%, building a more precise model.



Versatile Platform Supported

Multiple Operation Mode Available for Diverse Mission Needs

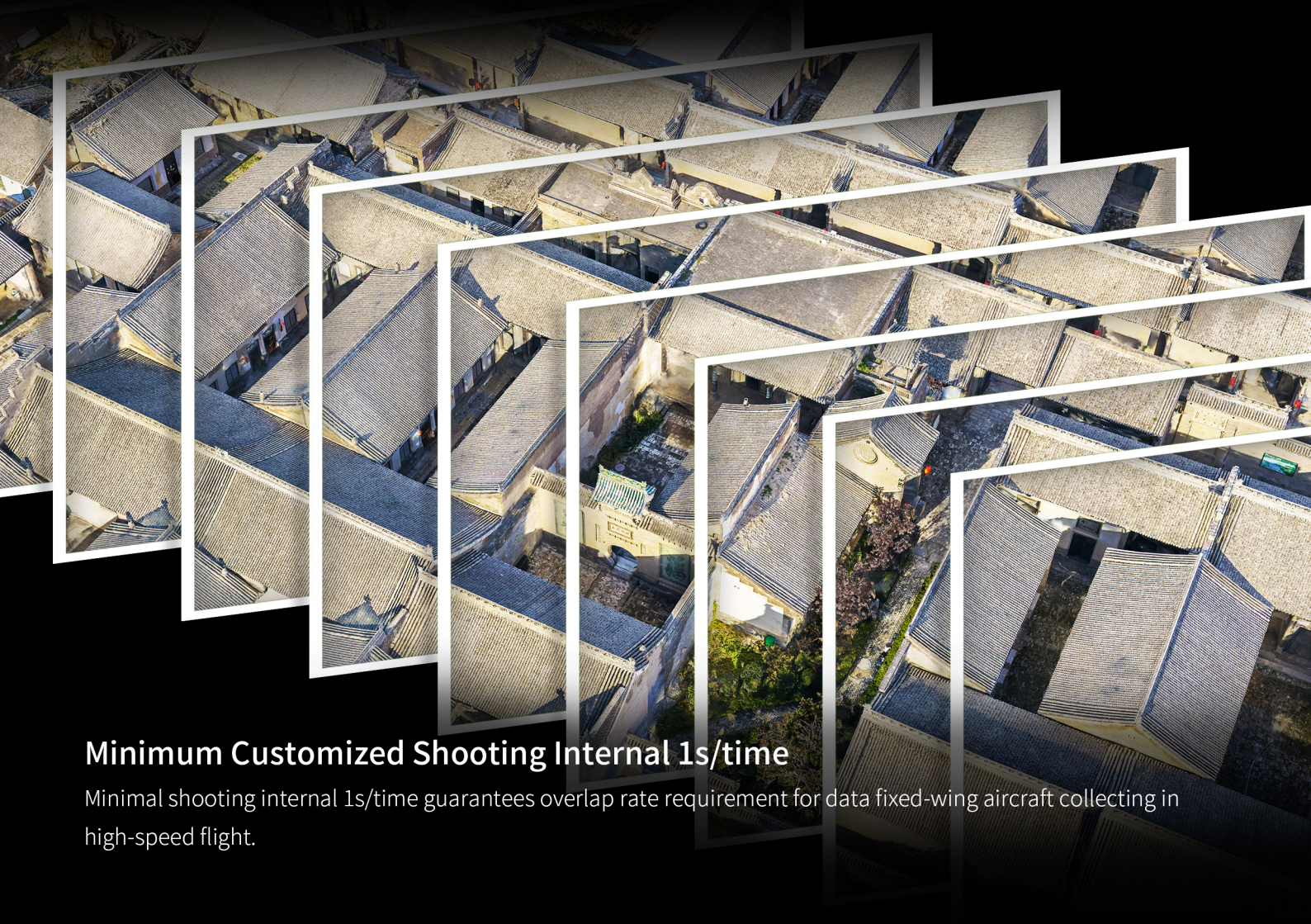
Easy-to-detach DJI X-Port gimbal supported to comprehensively connect with DJI M300 RTK. Standard J30J universal circular connector bring-with and the voltage of 12-50V, 100M can be used for aerial surveying on fixed-wing aircraft.



Capture Finest Details

3D Data Acquisition in A Close Distance of 24 Meters

With the help of gimbal and minimal focus distance of 24m, data collected through 100M can realize the level of 1.8mm-level realistic 3D modeling.



Minimum Customized Shooting Internal 1s/time

Minimal shooting internal 1s/time guarantees overlap rate requirement for data fixed-wing aircraft collecting in high-speed flight.

● REC

分辨率
4K

帧率
30

Extra for Drone 4K Video Shooting

More Than A Surveying Camera

SHARE 100M Pro supports 4K 30fps aerial videography for its medium frame sensor. 10-bit panel output makes full use of camera's big coverage range.



Elevated Productivity

Faster, Higher, Still No GCPs Needed

Succeeding SHARE UAV's mature technology of aerial surveying with no GCPs, 100M can realize microsecond-level TimeSync 2.0 -synchronization. Real time accurate position data recorded through RTK, realizing data acquisition without GCPs needed in outside mission.



Built-in TYPE-C3.0

Enjoy Flash Data Input&Output

Inned with first self-designed 512GB data storage module with TYPE-C3.0 port, SHARE 100M Pro keeps a stable input transmission during data acquisition. With the assistant of SDM application, data processing can achieve a ultra high speed as fast as one click.

Detailed information



Product Name	SHARE 100M PRO
Dimension	123*85*149mm (without gimbal) 166*207*177mm (with gimbal and 50mm lens)
Weight	670g(without gimbal), 1045g(with gimbal)
Protection Rating	IP53
Aircraft Support	DJI M300 RTK, Third-party multi-rotor drone and fixed-wing Aircraft
Operating Temperature	-10 C ~ 50 C
Storage Temperature	-20 C ~ 55 C
External Power	DC 12-50V
Interfaces	DJI X-Port & J30J Universal Port
Effective Pixels	102 MP
Sensor	43.8*32.9mm(Medium Frame);
Pixel Size	3.76μm
Image Size	4:3 (11648*8736 px)
ISO Range	100-1600
Shutter Speed	1/1250, 1/1000, 1/800, 1/640, 1/500
Storage	512GB*2
Shooting Interval	≥1s
Parameter Adjuster	DJI Pilot/Bluetooth Application
Data Storage	Integrated Data Storage Module
Working Mode	Flight Controller Trigger/Isochronism Trigger/Isometry Trigger
Image Transmission	Live-View Image Transmission
Focal Length	Standard: 50mm; Customizable: 70mm/75mm
Aperture	F5.6
Shooting Distance	≥24m
Video Formats	MOV/MP4
Video Size	[4K(3840*2160)]
Frame Rate	30fps
Stabilization	3-axis (Pitch Yaw Roll)
Mechanical Range	Pitch: -125° to +40° Yaw: -320° to +320° Roll: ±55°



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