

MOVING
SOCIETY
FORWARD

SECURE DRONE FOR THE FUTURE

蒼天
SOTEN



POWER TO MOVE SOCIETAL INFRASTRUCTURE FORWARD

We have created the “eyes” that bring the sky closer and redefine open-air as a pathway rather than a void.

We want to deliver this to all the people who build and maintain our societal infrastructure to create a better future, with the hope that they will be able to simultaneously achieve economic growth and increased job satisfaction.

The drone is a partner that brings safety and efficiency to your work,
giving you time to enjoy the improved future that you create.

Our drones have been optimized by combining all kinds of home-grown technologies including control algorithms, airframe, communication system, camera, propellers, and data security, all designed and made in Japan. We are proud to be society's new partner.

FEATURE

FEATURE 01



Small aerial photography drone
4.4 lbs / 26" wide / IP43

FEATURE 02



Wide expandability, including
one-touch-swappable cameras,
top mounting, and MAVLink

FEATURE 03



Data security measures for
communications data, flight data,
and photo/video data

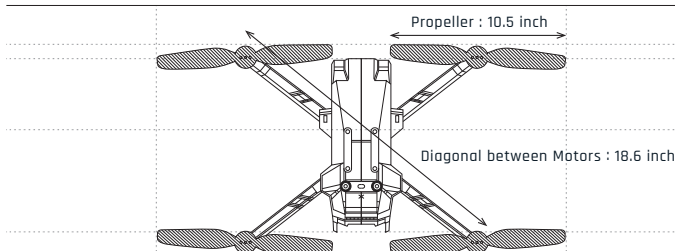
FEATURE 04



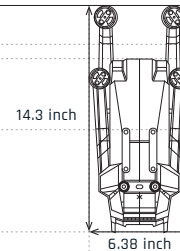
Easy-to-operate user interface

SIZE

UNFOLDED



FOLDED



SPECS

AIRCRAFT

Model name	SOTEN L2A1
Maximum flight time	25 min. (w/ standard camera at 18 mph airspeed)
Maximum takeoff weight	4.4 pounds
Multiple pilot operations	Control can be transferred in-flight between up to 3 controllers (all continuously receive video and telemetry)
Obstacle avoidance sensors	Vision system (front, top, bottom) Infrared sensor (top, bottom)
Ingress protection	IP43
Command and control radio and frequency	2.412-2.477GHz / ACSL proprietary radio

Operating temperature	14°F - 104°F
Maximum ground speed	33.5 mph
STANDARD CAMERA	
Sensor	1 inch, 20MP, mechanical shutter
Maximum video recording quality	4K, 30FPS
Photo quality	20MP / 15MP / 10MP, JPEG / raw / both
Security	AES encryption method for wireless transmission. Data can be encrypted as it is recorded on the recording media. Encryption can be enabled/disabled.
The encryption features of remote controller and smart controller cannot be modified by the user.	

ACCESSORIES

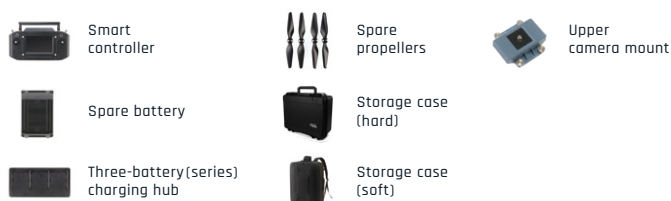
STANDARD ACCESSORIES



ADDITIONAL CAMERAS



ADDITIONAL ACCESSORIES



Please note that product configurations and specifications are subject to change without notice. If you have any questions about the purchase or maintenance of the aircraft, please contact the distributor where you purchased the aircraft.

For additional information, please contact

<https://www.acsl-usa.com>



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