

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

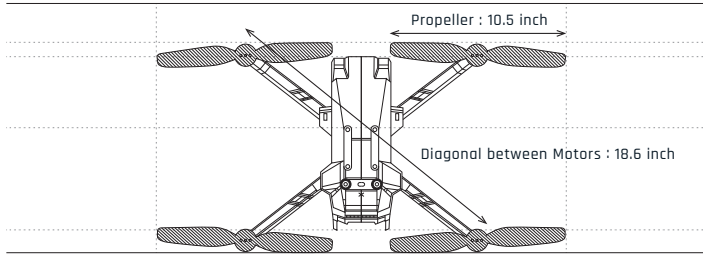
## FEATURE 04



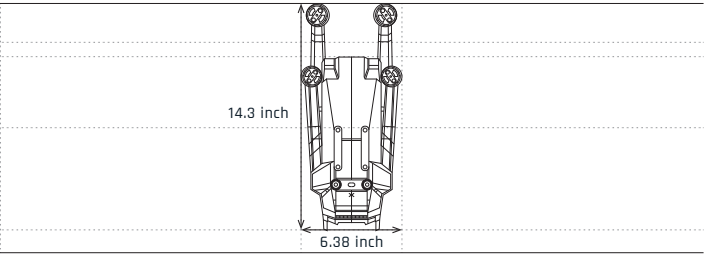
Easy-to-operate user interface

# SIZE ////////////////////////////////////

## UNFOLDED



## FOLDED



# SPECS ////////////////////////////////////

## AIRCRAFT

Model Name	L14 (Standard Model) L22 (LTE Model)
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
<b>STANDARD CAMERA</b>	
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 ////////////////////////////////////

## ACCESSORY



## OPTIONAL CAMERA



## OPTIONAL GOODS



· Upper camera mount

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>

