

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  
1.7kg/65cm wide/IP43

## FEATURE 02



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

## FEATURE 03



Security measures for flight data, communications, and photo/video data

## FEATURE 04

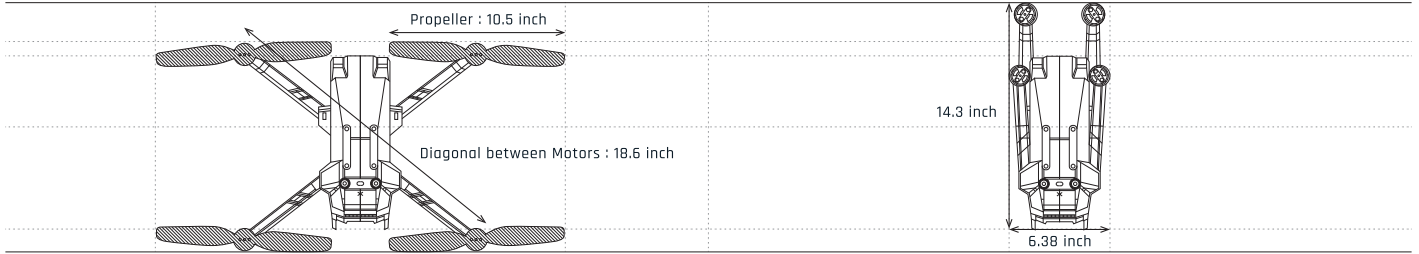


Easy-to-operate user interface

# SIZE

## UNFOLDED

## FOLDED



# SPEC

## AIRCRAFT

Max flight time	With standard camera, wind speed 17.9 mph : 25 min.	Operating temperature	32F to 104F
Maximum takeoff weight	4.40lb	Maximum ground speed	33.5 mph
Multiple operations	Control can be transferred between two radio controllers	<b>VISIBLE CAMERA</b>	
Obstacle avoidance sensors	Vision system (Front, Top, Bottom), Infrared sensor	Number of effective pixels	20 megapixels (Mechanical Shutter)
Ingress protection	IP43	Sensor size	1 inch
Dimensions	Unfolded : 26.5 in. x 22.05 in. (including propellers) Folded : 6.38 in. x 14.3 in.	Video and image quality	4K : 30fps
Maximum distance (without obstructions or radio interference)	2.48 mile / 2.412-2.477GHz Falcon ACSL Radio	Image Format	JPEG / DNG / JPEG+DNG
		Security	AES encryption method for wireless transmission Data can be encrypted as it is recorded on the recording media. Encryption can be enabled / disabled.

# ACCESSORIES

## ACCESSORY

## OPTIONAL CAMERA

## OPTIONAL GOODS

	Remote controller		Infrared camera + visible camera		Smart controller		Spare propeller		Storage case (hard)		Three series battery charging hub
	Battery charger		Multi-spectral camera		Radio controller hood		Training remote controller		Storage case (soft)		Upper camera mount
	Battery		Optical zoom camera		Spare battery		Propeller guard		Multi 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://product.acsl.co.jp/en/>

