SECURE DRONE FOR THE FUTURE

蒼天
S O T E N

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.

NDAA-Compliant | Made in Japan

ACSL

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
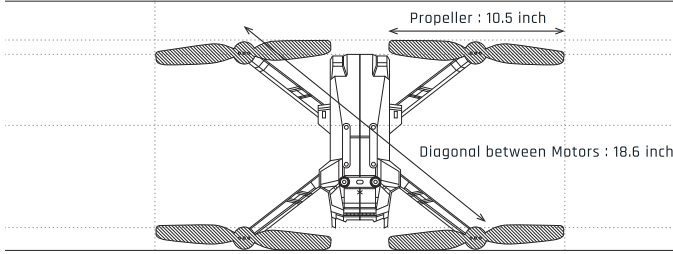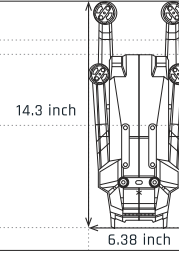date, communications, and
photo/video date

FEATURE 04

Easy-to-operate user interface

SIZE //

UNFOLDED

Propeller : 10.5 inch

Diagonal between Motors : 18.6 inch

FOLDED

14.3 inch

6.38 inch

SPEC //

AIRCRAFT

Max flight time	With standard camera, wind speed 17.9 mph : 25 min.
Maximum takeoff weight	4.40lb
Multiple operations	Control can be transferred between two radio controllers
Obstacle avoidance sensors	Vision system (Front, Top, Bottom), Infrared sensor
Ingress protection	IP43
Dimensions	Unfolded : 26.5 in. × 22.05 in. (including propellers) Folded : 6.38 in. × 14.3 in.
Maximum distance (without obstructions or radio interference)	2.48 mile / 2.412-2.477GHz Falcon ACSL Radio

Operating temperature	32F to 104F
Maximum ground speed	33.5 mph

VISIBLE CAMERA

Number of effective pixels	20 megapixels (Mechanical Shutter)
Sensor size	1 inch
Video and image quality	4K : 30fps
Image Format	JPEG / DNG / JPEG+DNG
Security	AES encryption method for wireless transmission Date can be encrypted as it is recorded on the recording media. Encryption can be enabled / disabled.

ACCESORIES //

ACCESORY

- Remote controller
- Battery charger
- Battery

OPTIONAL CAMERA

- Infrared camera + visible camera
- Multi-spectral camera
- Optical zoom camera

OPTIONAL GOODS

- Smart controller
- Radio controller hood
- Spare battery
- Spare propeller
- Training remote controller
- Propeller guard
- Storage case (hard)
- Storage case (soft)
- Multi mount
- Three series battery charging hub
- · Upper camera mount

For additional information, please contact   https://product.acsl.co.jp/en/
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