Application Scenarios

Disaster Situation Mapping



- Accurately measure and map disaster sites, analyze the extent of the disaster, and provide precise information to the Disaster Site Command.
- Mainly deployed in diverse natural and man-made disasters and other emergency situations.

Administrative District Mapping



- \cdot Mapping government administrative areas.
- Mainly utilized for urban zoning investigations, rural site planning, organization, and tourist attractions, etc.

Agricultural Regionalization Mapping

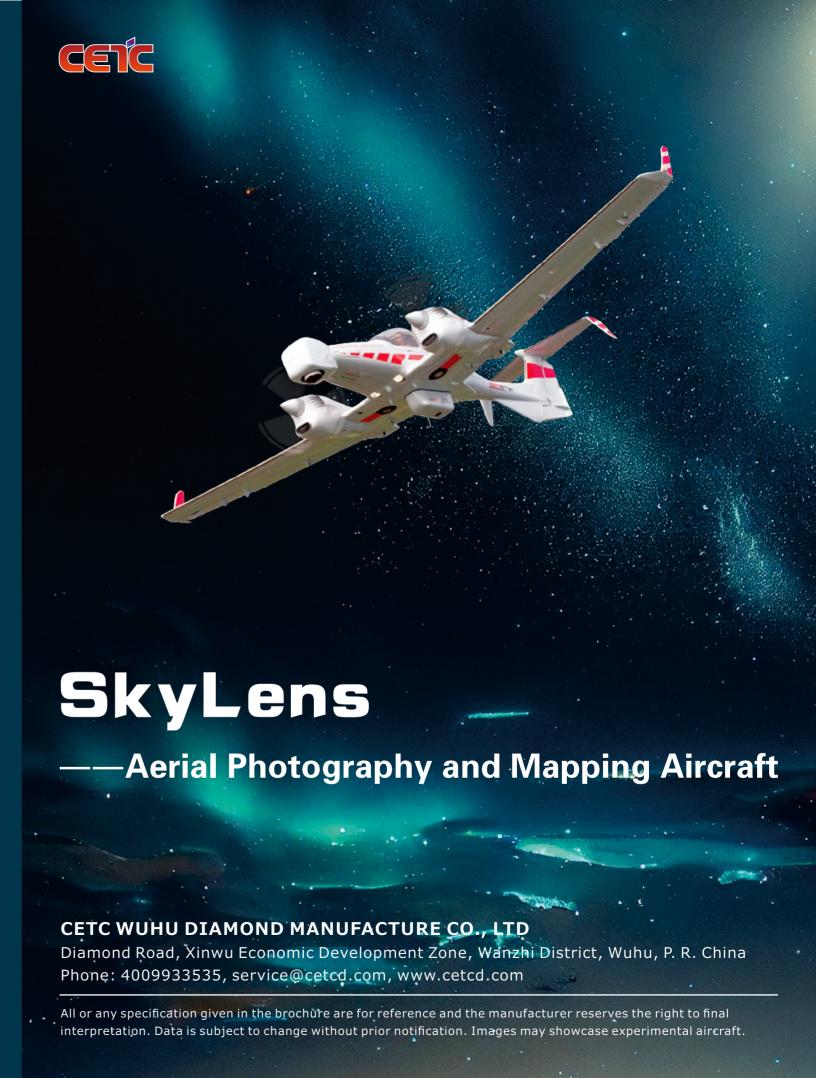


- Mounted with a large-field of view angle and multi-scanning angle aerial mapping equipment.
- Large-scale surveying and mapping modeling survey of agricultural areas.
- Mainly used in the reasonable planning and accurate survey of agricultural areas such as forestry, animal agriculture, fishery, and planting industry.

Complex Environmental Mapping



- Mounted with high-precision high density aerial mapping camera.
- Modeling and mapping the complicated urban, mountain, and water environments.
- Mainly used in the modeling and measurement of complex cities, mountainous areas, tundra, and marsh area.



Introduction

- High-level security;
- Long operating time;
- High/low speed performance;
- Quick assembly and retrofit;
- High operational efficiency and low operating costs.
- Applicable Aero camera :

















Technical Specifications/

Dimension (Length/Height/Wingspan)	8.56 m/ 2.49 m/ 13.55 m	28 ft 1 in/8 ft 2 in/44 ft 4 in
Max. operating altitude	5,486 m	18, 000 ft
Max. cruising speed (16,000 ft)	352km/h TAS	190 KTAS
Stall speed	130km/h TAS	70 KTAS
Economical cruising speed	280km/h TAS	151 KTAS
Typical airborne operations time ¹	6-8 h	6-8h
Max. range	2,357 km	1, 275 nm
Fuel capacity	289 Lt	76.4 US gal
Fuel consumption	24.2 Lt/h	6.4 gal/h
Twin-engine rate of climb	6.8 m/s	1, 325 fpm
Take-off/ Landing distance	886 m/ 647 m	2, 907 ft/2, 122 ft
Empty weight/ MTOM	1,365 kg/ 2,001 kg	3, 009 lbs/4, 411 lbs
Useful load	636 kg	1, 402 lbs
Demonstrated crosswind	46 km/h	25 kts

¹ With standard mission equipment and 2-man crew.

Configuration Options

Aerial Photography and Mapping System Platform

- Low operating cost
- High efficiency
- Reliability and safety of the installed equipment
- Strong retrofitting capability

