

EasyMapper-CS

One Drone



Endless
Applications

61MP

GSD

1.57cm

AGL: 100m

Wide, Stable, and Precise

Powered by a Sony ILX-LR1 61MP camera, **EasyMapper-CS** delivers sub-2 cm mapping accuracy with stunning resolution. Automated flight planning and precise 3D modeling ensure reliable data for surveying, urban planning, energy, and agriculture.

- **Extended Flight Range**
Reach up to 10 km without interruption.
- **Exceptional Flight Time**
Over 50 minutes of continuous operation.
- **Lightweight Design**
Under 4 kg including the camera.
- **Weather-Resistant**
IP53-rated for reliable performance in harsh conditions.



- **High-Resolution Imaging**
Capture fine details with a 61MP sensor and crystal-clear 4K (3840×2160) video.
- **Outstanding Ground Sampling Distance (GSD)**
Achieves sub-2 cm GSD at 100 m AGL.
- **Versatile Operation**
Easily switch from mapping to inspection and surveillance by simply changing the lens.
- **Ultra-Lightweight Design**
Weighs just 700g



Exceptional Detail

A 61MP sensor captures complex terrains and large-scale projects with speed, precision, and efficiency.

Real-Time Data Transmission








Long-range link enables instant monitoring and evaluation of camera footage, supporting rapid on-site decision-making.

Precision Mapping with Advanced Lens

Professional mapping lens with LD (Low Dispersion) design minimizes light reflection, while nano-coating ensures sharp, accurate aerial imagery.



Package includes

	Hard case	1EA
	AQUILA 3F	1EA
	Rhythm1 Camera	1EA
	AVIATOR Controller	1EA
	Prop	4EA
	Battery	2EA
	Battery charger	1EA

Usecase



Agriculture
Monitoring crop health and growth



Construction
Mapping and managing construction sites



Environmental Monitoring
Observing and tracking environmental changes



Disaster Management
Rapid mapping and support in disaster-stricken areas