ARES MICRO-UAV

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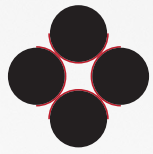
ARES MICRO-UAV

ARES is a cutting-edge micro-unmanned aerial vehicle (UAV) designed to enhance situational awareness by delivering real-time intelligence and data in applications such as security operations, industrial monitoring, and disaster relief.

PUBLIC SAFETY & LAW ENFORCEMENT
Rapid situational awareness for traffic management and crowd control.

SITE SURVEILLANCE
Real-time monitoring of sites to monitor progress and identify potential hazards.

DISASTER RELIEF & EMERGENCY RESPONSE
Real-time aerial assessment of affected areas, locating survivors, and mapping disaster zones.

APPLICABLE INDUSTRIES

DISASTER RESPONSE

MINING

OIL AND GAS

PUBLIC SAFETY

URBAN PLANNING

KEY FEATURES

INTELLIGENT SENSING
Altitude hold, position hold, auto-takeoff, auto-landing, terrain following.

OPERABLE IN GPS-DENIED ENVIRONMENT
Functional in hard-to-reach areas.

LOW LIGHT VISIBILITY
Super low night light (Starlight 0.00001 lux).

COLLISION TOLERANT
Propeller guards and sensor protection.

BUILT-IN SAFE LANDING
Auto-landing initiated when low battery and communication loss with the controller.

ILLUMINATION (Optional)
Front and down LED projection with remote on/off.

TECHNICAL SPECIFICATIONS

Platform	Dimensions	L160 mm X W160 mm X H60 mm
	Weight	315 g
Performance	Frequency (Controls)	2.4 GHz
	Speed	4 m/s
	Flight Time	Up to 10 min (cruising)
	Flight Distance	Up to 30 m (indoor BVLOS)
		500 m (outdoor LOS)
	Min. Illumination	Starlight 0.00001 lux
Video	Type	Analog VTX
	Frequency	5.8 GHz
	Resolution	640 X 480 (30 fps)
	Latency	Less than 250 ms

Note: Specifications are subject to change by the manufacturer without prior notice. Pictures shown are for illustrative purposes only, actual product may vary.