



DASAL
AEROSPACE
TECHNOLOGIES



KIRLANGIC-X4A

■
ROTARY-WING
SURVEILLANCE UAV SYSTEM



KIRLANGIC-X4A distinguished itself in the tactical field as a reconnaissance, surveillance, and intelligence platform. Compared to its rivals, it has a longer flight time, is resistant to harsh weather, has a modular structure, is easy to install, and can be transported by a single operator.


7 km


1-1.2 kg


45-55 min



MAIN SPECS

MTOW : **7 kg**

Operating Temperature : **-20°C / +50°C**

Operational Radius : **7 km**

Max. Flight Altitude (MSL) : **4000 m**

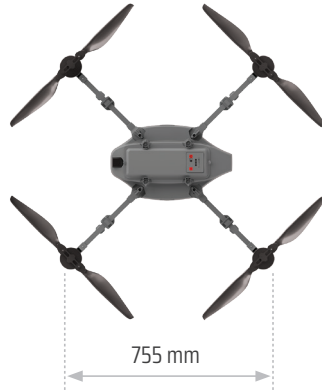
Max. Flight Time : **45-55 min**

Payload Capacity : **1-1.2 kg**

Max. Flight Altitude (AGL) : **1000 m**

Max. Horizontal Speed : **44 km/h**

Payload : **3-Axis Stabilized Gimbal**



Propeller Diameter : 24 inch
Cross Rotor Distance : 959 mm

SYSTEM SPECS

- Day / Night Mission Execution
- Operations Planning and Autonomous Mission Execution
- Target Classification and Tracking Capability with Image Processing
- Real-Time Image / Video Display and Record
- Autonomous and Semi-Autonomous Flight
- Plug and Play Gimbal
- Attachable / Detachable Rotor Arms and Landing Gear
- Ready to Operate in 5 min
- Tracking Mode via GNSS
- Smart Battery Management System
- Ability to Define No-Fly Zones
- Support for Various Map Types (Compatible with RASTER and DTED)
- Continuous Mission Ability
- Autonomous Return Home When the link is Broken
- Obstacle Avoidance (Optional)
- Anti-JAM GNSS Solution (Optional)
- LTE / 4G Communication Solution (Optional)



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