



## Vajra – Watching Silently. Protecting Constantly.

### PRODUCT DESCRIPTION:

**Vajra** is a high-endurance, foldable drone designed for real-time day and night surveillance in tactical and security operations. Built with a carbon fiber reinforced body, it is compact, rugged, and ready for deployment in under a minute by a single operator from a backpack.

Whether it's thermal detection at night or 2K clarity visual reconnaissance by day, Vajra delivers unmatched reliability and intelligence from the sky.

### KEY FEATURES

- **Carbon Fiber Build** – Strong, lightweight, and impact-resistant
- **Backpack Portable** – Easily carried and deployed by one person
- **Rapid Deployment** – Assembles and launches in under 60 seconds
- **Dual-Sensor Surveillance** – Thermal & 2K daylight imaging for 24/7 missions
- **Autonomous Navigation** – GPS-enabled waypoint missions & return-to-home
- **All-Weather Operation** – IP35 rated, wind resistance up to 40 knots
- **Integrated Drop Mechanism** – Precision delivery of payloads on command



# TECHNICAL SPECIFICATIONS:

Parameter	Specification
Total Weight	4 kg
Payload Capacity	Up to 1 kg
Flight Time	Up to 60 mins (no payload), 45 mins (with payload)
Max Altitude	1 KM
Range	5 KM
Ingress Protection	IP35 (dust and light water resistance)





# TECHNICAL SPECIFICATIONS:

Parameter	Specification
Surveillance System	2K daylight + thermal imaging (real-time streaming)
Deployment	Foldable arms, backpack-carry, <1 min setup
Special Feature	Payload drop mechanism