



7" kamikaze

FPV DRONE



120

km/h TOP SPEED

06

km RANGE

30

min FLIGHT TIME

SYSTEM DESIGN

Advanced System Features



Camera Imaging

Lens 5Mega, IMAGE 16:9 & 4:3, Day/Night Auto/Color/B&W/EXT



Triple-layer Safety Control

Dedicated trigger safety architecture for deliberate, controlled operation.



High-speed Interception

Up to 120 km/h horizontal velocity for rapid response.



Dual-band Frequency

2.4 GHz / 915 MHz frequency-hopping command and control.



Dual Fpv Switching

Optional dual analog camera toggling for flexible visual coverage.



Extended Range Telemetry

Operational radius up to 6 km for connected mission awareness.



Long-endurance Flight

Up to 30 minutes of active mission time.

Mission Architecture

One Airframe. Multiple Roles.

Vajra MK1 is built as a compact, high-energy platform for real-time guidance, reconnaissance, interception, and operations where conventional access is limited.

01 SENSE

Switchable FPV coverage supports visual awareness in dynamic environments.

02 CONNECT

Dual-band hopping C2 helps maintain operational connectivity.

03 RESPOND

High-speed propulsion and a compact carbon frame enable decisive movement.

HARDWARE FOCUS

Carbon-fibre frame construction, protected motor mounts, integrated camera position, and accessible service points.

Specifications shown are indicative product figures. Final performance depends on configuration, payload, battery, weather, and operating conditions.

FIELD-READY AIRPOWER

Tactical Applications

Designed for demanding missions where speed, precision, and resilient control matter.

- High-accuracy real-time target guidance for static and dynamic targets
- Tactical precision engagement and reconnaissance
- Electronic-warfare operations in contested environments
- Loitering support and high-speed interception
- Mission-ready for harsh weather, tough terrain, and indoor spaces

A compact 7-inch tactical FPV quadcopter platform combining a carbon-fibre frame, switchable dual-camera FPV, dual-band hopping communications, and layered trigger safety.



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