

HEAVYBOT-4



UNMATCHED RESILIENCE



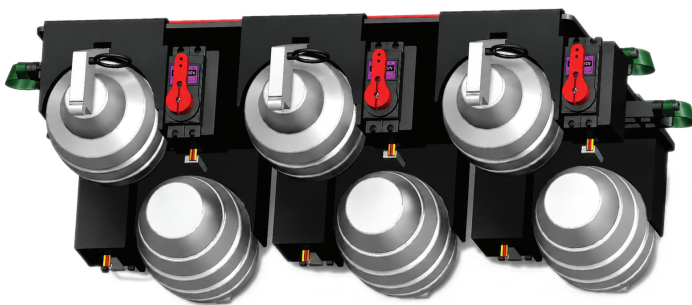
Defense drones are increasingly designed with humanitarian principles in mind, minimizing collateral damage and protecting civilian lives.

By replacing soldiers in dangerous missions, they reduce human casualties on all sides.

When guided by ethical frameworks and international law, drones can serve peacekeeping, disaster relief, and reconnaissance roles prioritizing safety over destruction.

Up to 45 Minutes Flight Time

- High Endurance Drone with Flight time Up to 45 Minutes.
- Foldable Design with compact folded size.
- Very Precise Landing.



Payload Capacity

- Designed to carry Mission-Critical Payloads with Enhanced Stability & Precision
- For Complex & Versatile Defense Operations.

Parameters

Drone type	Quadcopter
Max. Take off Weight	15 Kg
Payload	Up to 4 Kg
Launch Altitude	3000m (AMSL)
Flight Height	500m (AGL)
Speed	22 m/sec
Range	10 km (extendable)
Propeller	23 inches
Flight Time	Up to 45 mins
Camera	EO IR camera with 3 Axis Gimble
GPS	GPS + Galileo + GLONASS + NavIC (optional)
CRPA	Yes (optional)
Flight Modes	Fully Autonomous, Manual, RTH
Battery Capacity	30000 mAh
Ingress Protection	IP65 (Optional)
Frequency Hopping	Yes (optional)
AI features (optional)	Object tracking, DRI
Video Positioning System	Yes (optional)
Functional Temperature	-20°C to 55°C
Communication Security	AES 128/256,

* All parameters are tested in standard conditions