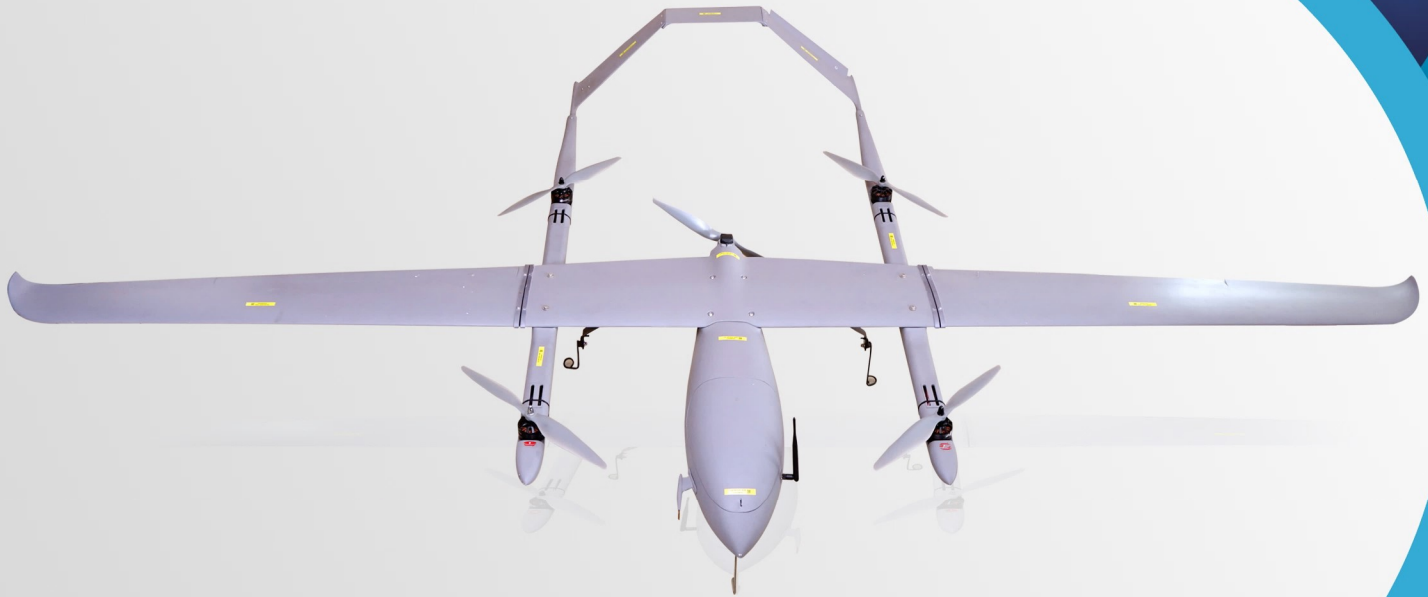


# DH-VTHT



## SYSTEM DESCRIPTION

The DH-VTHT is a hybrid UAV system. It is hybrid because of its capability to Take-off, Land hover like a Multirotor and toward motion like a fixed wing aircraft. The systems is advantageous as it does not require longer runway for Take-off landing. The payload damage is highly reduced due to the VTOL capacity. The structural integrity and light weight of the aircraft is ensured by the use of carbon fiber composite honeycomb design.



## ***SPECIFICATION***

<i>Wing Span</i>	- 3.1 m
<i>Length</i>	- 1.8 m
<i>Propulsion</i>	- Electric
<i>Empty Weight</i>	- 9.2 kg
<i>Take-Off Weight</i>	- 15 kg
<i>Endurance</i>	- 90 min
<i>Cruise Speed</i>	- 110 km/h
<i>Maximum Speed</i>	- 150 km/h

