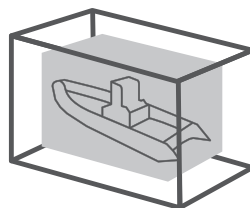




# UAV Top Launch

The Cube™



Multi-Mission Module

## Cube™-ready containerised UAV launch and recovery system with CMS interface.

### Standard solution, versatile application

Unmanned aerial vehicles – UAVs or drones – have become an important part of many naval operations. From search and rescue operations over detection of oil or chemical spills to intelligence operations and extension of radio/ telecom signals, the UAVs are an excellent tool capable of covering large areas.

SH Defence has developed a UAV Top Launch and Recovery System Cube™ consisting of a 20' Base Frame container with an open top for vertical launch and recovery of UAV swarms.

### Fits in a 20' Cube™-ready mission bay

As with all other Cubes, the UAV Top Launch and Recovery System has the footprint of a standard 20' high-cube container and comes with the standard connection interfaces that are compatible with the Cube™-ready mission bay standard connection cabinet CubedIn™ for plug-and-play charging and communication functionality. The UAV Top Launch and Recovery System also comes with an interface to the CMS.

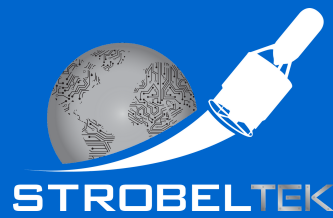
### Easy UAV recovery

When UAVs return to charge or UAVs from other vessels need to charge before continuing their flight, a skeleton funnel made of bars is extended from the individual

UAV dock in order to catch and guide the UAV into the charging dock.

The UAV Top Launch and Recovery System Cube™ is provided with a door for easy access to service and maintenance of docks and UAVs.

| Description                  | Value                       |
|------------------------------|-----------------------------|
| <b>Cube Engineered Frame</b> |                             |
| Dimensions (L x W x H)       | 6058 mm x 2438 mm x 2896 mm |
| Weight                       | 10,5 MT                     |
| UAV Weight                   | 65 KG                       |
| UAV Diameter                 | 300 mm                      |
| UAV Endurance                | 15 min.                     |
| Launch Direction             | Vertical                    |
| Recovery Direction           | Vertical                    |



# SPRINTER

Ducted Fan Unmanned Aerial System (UAS)

- Fully Autonomous Missions (No Pilots)
- Launch & Recovery are Both Autonomous
- Auto-Generate 2D/3D Maps
- Adaptable Payload
- Swarming Capability

- Made with Carbon Fiber & Fiberglass
- Vertical Flight Modes
- Max Speed is 70 km/h (43mph)
- No Exposed Moving Parts
- Ducted-Fan Design



# Sprinter UAS Specifications

Models with longer flight times and higher speeds are coming soon.

|                           |                                |
|---------------------------|--------------------------------|
| <b>Endurance</b>          | 15 min (Hover)                 |
| <b>Maximum Alt</b>        | 15,000 ft MSL                  |
| <b>Range</b>              | 5 Miles                        |
| <b>EO/IR Payload</b>      | 1080p, 8MB EO<br>320 x 240 IR  |
| <b>Vehicle Dimensions</b> | 8 in diameter,<br>18 in height |
| <b>Vehicle Weight</b>     | 3.3 lbs                        |
| <b>Dock Dimensions</b>    | 13.5 in x 13.5 in x 44 in      |
| <b>Dock Weight</b>        | 44 lbs                         |

StrobelTEK (formerly AS Works) is an engineering research, development, and services firm specializing in the design and delivery of novel UAS solutions. Custom creation of new products can be developed upon request.

Please reach out to [info@strobeltek.com](mailto:info@strobeltek.com) to discuss your unique needs further – we’re happy to help!

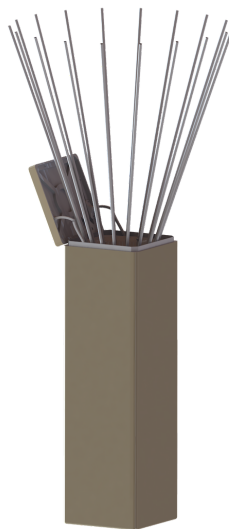
## UAS Ecosystem by StrobelTEK

### Sprinter UAS



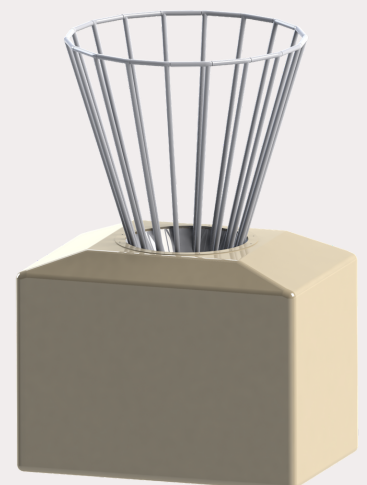
AI-enabled, fully autonomous

### Solo Dock



Launches, recovers, stores & charges individual Sprinter UAS drones

### Swarm Dock



Launches, recovers, stores & charges up to 5 Sprinter UAS drones