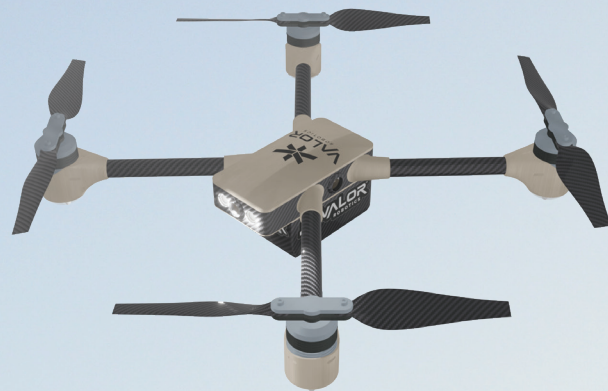


# VALOR<sup>TM</sup>

## ROBOTICS



# AERIAL SYSTEMS

## SCALABLE FEATURES

- » **Flight Time:** 25 - 35 - 55 min
- » **UAV Weight:** 5.5 - 6.2 - 7 lb
- » **Payload Capacity:** 1 - 3 - 6 lb
- » **Footprint (L x W):** 17.5" - 27" - 32.4"
- » **20 Min Flight Time with Max Payload**

## ValorUAV

The ValorUAV combines technology and practicality into one, featuring advanced autonomy and AI capabilities, unparalleled modularity, and a rugged chassis, while boasting competitive flight performance within the evolving UAV market.

- » **One Drone to Rule Them All** Unmatched Core Module adaptability for all domains
- » **No Compromise** Delivering rugged performance with intelligence and flexibility
- » **Responsible Autonomy** Safely deploying AI for the users who need it the most

## APPLICATIONS



**VALOR**  
FUTURE-PACKED DESIGN

**Modularity**  
Customize with Valor or 3rd Party Accessories



**Object Avoidance**  
Confidently Navigate Indoor and Outdoor Terrains



**Autonomy**  
On-board Computing for GPS-denied Operation



**Cockpit View**  
Enhanced Heads-Up Situational Awareness



**Backpackability**  
Ready for Action, Anywhere You Go



## PALMABLE



Core Module Technology	
Flight Controller	TPU Enabled Controller
On-Board Computer	NVIDIA Jetson
Cameras (x4)	Wide Angle, 1080p, Global Shutter
Navigation	GPS, LiDAR (Altitude), IMU
Communication	Radio (Telemetry), WiFi (Video/Data)

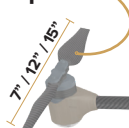
Core Module Structural	
Dimensions (L x W x H)	6.5" x 3.2" x 1.2"
Core Weight	3 lb

## IN-FIELD CONFIGURABILITY

TAKE ON EVEN THE MOST DYNAMIC MISSION REQUIREMENTS

### Scalable Propellers

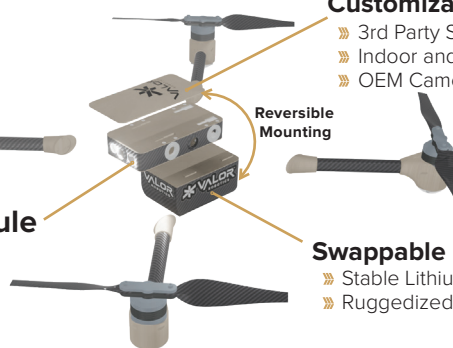
- » Compact
- » Standard
- » Heavy



### Customizable Payloads

- » 3rd Party Sensor Integrations
- » Indoor and Outdoor Capabilities
- » OEM Camera Mountings

### Core Module



### Swappable Batteries

- » Stable Lithium Chemistry
- » Ruggedized Structure

Scalable Performance	Compact	Standard	Heavy
Flight Dimensions (L x W x H)	17.5" x 17.5" x 5.8"	26.2" x 26.2" x 5.8"	32.4" x 32.4" x 6.6"
UAV Weight	5.5 lb	6.2 lb	7 lb
Payload Capacity	1 lb	3 lb	6 lb

## UNMANNED SYSTEMS CONTACT

Deepak Sathyanarayan, CEO & Chief Engineer  
services@valorrobotics.com

www.valorrobotics.com | +1-386-366-0547  
506 Fentress Blvd, Suite H, Daytona Beach, FL 32114





**VALOR**<sup>™</sup>  
ROBOTICS

